

CHHIARKAWP
BU THUMNA

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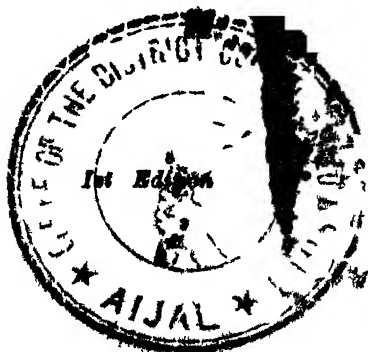
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CHHIARKAWP BU THUMNA

Teachers Copy

By
Thanthama, B.A., ~~II~~
Council Education Officer



Printed & Published by
The NIKI Printing Press, Kulkawn Aijal Miao District.
1963

CHHIARKAWP BU THUMNA

By
Thanthuama B A B T
Council Education Officer

1st Edition

N - n T to Iron ves
F
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PRICE - - -

747
3/4/96

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The ZIKI Printing Press Kulikawn A jal M i o District
1963

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1963

THUHIAHRAI

Tân hma lam zawng kha chuan Primary zirlai
atân Chhiarkawp Bu pathum (Bu khatna Bu hnh
na B thumna) laih kan nei a Amherawl
chu Kumina Text Book Committee chuan tha
tawk lovin a hria a Iawl hrang hrang tân bu
hrang theuh zel (inlun tawm tawh lova)
buatsaib tura min tih a cin ka hen lam tan
a Zirlartu lei naupan t tân pawh a r m hân
hle taw! ka beisei

Tâna mi hi a tan tihna a nih avângin a tha
tawk lovin a famkim tawk lo pawh a nina th
a chuingin tupawhin a that zawkra dân tûr
rawtra t min han neihpa theih chuan mi han
hriattir thei ula ka lâwm ngawt ang

He Chhiarkawp Bu Thumna hi Zo ram zirnain
hmasiwn zel uâna a tan kaipui ka beisei

Dated Ajal
The 7th October 1963

Thanthuama
Education Officer
Mizo District Council

SYLLABUS

An zir tawhte en nawn leh ni sela
chantir Unitary method (Rulos of
threa) year month week Day Hour
Second dan hi hmangin problem
awl deuh tihtir tur a ni Fraction
awmzia briat chantir tur a ni Bill
siam dan nen Roman Number
1—100 thlang zirtir tel tur a ni
Tehna leh bukna (metric system)
thil xau xawng tehna (measurement
of area) mawl te te zirtir bawh tur
a ni

ROMAN NUMBER

Number ziaik dân chi hnh a awm a chng chu ARABIC NUMBER leh ROMAN NUMBER a ni

Arabic Number Hei hi chu kan hman lâr zâwk 1 2 3 hi a ni Hetah hi chuan k n hriat tawh angin chhinchhiabna sâwm a awm a

Roman Number Roman Number ah hi chuan chhinchhiabna 7 chaub a awm a chng chu I V X L C D M a ni

Heng number chi hnhhte awnzia leh a intl k dân chu hetiang hi a ni —

| | | | |
|--------|----------|---------|----------|
| 1=I | 11=XI | 30=XXX | 400=CD |
| 2=II | 12=XII | 40=XL | 500=D |
| 3=III | 13=XIII | 50=L | 600=I'C |
| 4=IV | 14=XIV | 60=LX | 700=DCC |
| 5=V | 15=XV | 70=LXX | 800=DCCC |
| 6=VI | 16=XVI | 80=LXXX | 900=CM |
| 7=VII | 17=XVII | 90=XC | 1000=M |
| 8=VIII | 18=XVIII | 100=C | 1400=MCD |
| 9=IX | 19=XIX | 200=CC | 1900=MCM |
| 10=X | 20=XX | 300=CC | 2000=MM |

THUTUR I

A

Hön hi an tluksu number (Arabic Number)
ziak chhuak rawh

Rilru chhuarkaw na tih zet tur)

| | | | | | | | |
|---|-----|----|------|----|-------|----|--------|
| 1 | III | 6 | VIII | 11 | XXXII | 16 | CXXXIV |
| 2 | VI | | XIX | 12 | LXXX | 17 | LXXII |
| 3 | IX | 8 | L | 13 | CIX | 18 | XLIX |
| 4 | XII | 9 | XL | 14 | CCI | 19 | LXXV |
| 5 | IV | 10 | III | 15 | VIII | 20 | LXIX |

AW

Heng hi a tluksu Roman number ziak chhuak
rawh —

| | | | | | | | |
|---|----|----|----|----|-----|----|-----|
| 1 | 21 | 6 | 34 | 11 | 110 | 16 | 165 |
| 2 | 14 | 7 | 27 | 12 | 125 | 17 | 305 |
| 3 | 32 | 8 | 54 | 13 | 231 | 18 | 189 |
| 4 | 18 | 9 | 62 | 14 | 194 | 19 | 99 |
| 5 | 43 | 10 | 76 | 15 | 147 | 20 | 153 |

CHHIARKAW BU THUMNA

THITUR II

BEIH

Be h rawl —

| | | | | | | | |
|---|-----|---|-----|---|-----|---|-----|
| 1 | 6.4 | 2 | 776 | 3 | 1 | 4 | |
| | 215 | | 676 | | 6 6 | | 118 |
| | 678 | | 716 | | 6 4 | | 8 8 |

| | | | | | | | |
|---|------|---|------|--|------|--|------|
| 5 | 8767 | 6 | 68 | | 83 7 | | 8 3 |
| | 54 7 | | 8 63 | | | | 8 |
| | 51 8 | | 81 8 | | 573 | | 61 7 |
| | 6 47 | | 6 45 | | 8 87 | | 8 8 |

| | | | | | | | |
|---|------|----|-------|----|------|---|------|
| 9 | 48 | 10 | 9 9 | 11 | 9009 | 1 | 1 |
| | 11 1 | | 8 | | 1899 | | 6 8 |
| | 9 | | 9697 | | 1 | | 8 7 |
| | 1858 | | 988 | | 1869 | | 1 |
| | 97 9 | | 107 8 | | 6 5 | | 8 91 |

$$13 \quad 734 \quad 886 \quad 661 + 6$$

$$14 \quad 88 \quad 5 + 67 + 34 + 12316 + 1$$

$$15 \quad 81 + 936 + 725 + 1711 + 56 \quad 100 \times$$

$$16 \quad 4 + 600 + 8 \quad 4 + 8004 + 701 + 4$$

$$17 \quad 1 \quad 5 + 451 * 181 \quad 8 \quad 60 - 61 \quad 20$$

$$18 \quad 223 \quad 164 \quad 15 \quad 1 + 56 - 84$$

$$19 \quad 8 \quad 1 + 3 \quad 1 + 2817 + 28 \quad 9 \quad 1$$

$$20 \quad 15009 + 9 * 216 + 12 + 8742$$

TIHTUR III

PAIH

Paih rawh —

| | | | | | | | |
|----|-------------|----|------|----|-------------|----|------|
| 1 | 647 | 2 | 896 | 3 | 974 | 4 | 804 |
| | *42 | | 350 | | 324 | | 303 |
| 5 | 7458 | 6 | 6475 | 7 | 6742 | 8 | 4697 |
| | 3249 | | 3246 | | 4313 | | 2349 |
| 9 | 8944 | 10 | 8944 | 11 | 5376 | 12 | 9 46 |
| | 3567 | | 3165 | | 2077 | | 3548 |
| 13 | 6543 | 14 | 5432 | 15 | 8674 | 16 | 8949 |
| | 1448 | | 3036 | | 3678 | | 3357 |
| 17 | 6656 | 18 | 4768 | 19 | 6405 | 20 | 8074 |
| | 3543 | | 3874 | | 3565 | | 2507 |
| 21 | 6602 | 22 | 8045 | 23 | 7050 | 24 | 8940 |
| | 3566 | | 3706 | | 3504 | | 3570 |
| 25 | 84766—36794 | | | 32 | 6644—574 | | |
| 26 | 38976—9636 | | | 33 | 9070—457 | | |
| | 89747—33548 | | | 34 | 45064—34556 | | |
| 28 | 6704—3507 | | | 35 | 80000—367 | | |
| 29 | 94000—7306 | | | 36 | 45064—7976 | | |
| 30 | 74609—3574 | | | 37 | 3394—2453 | | |
| 31 | 35480—4479 | | | 38 | 6000—5374 | | |

MULTIPLICATION TABLE

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-------|-------|-------|-------|-------|--------|--------|--------|
| 1-2 | 1-3 | 1-4 | 1-5 | 1-6 | 1-7 | 1-8 | 1-9 |
| 2-4 | 2-6 | 2-8 | 2-10 | 2-12 | 2-14 | 2-16 | 2-18 |
| 3-6 | 3-9 | 3-12 | 3-15 | 3-18 | 3-21 | 3-24 | 3-27 |
| 4-8 | 4-12 | 4-16 | 4-20 | 4-24 | 4-28 | 4-32 | 4-36 |
| 5-10 | 5-15 | 5-20 | 5-25 | 5-30 | 5-35 | 5-40 | 5-45 |
| 6-12 | 6-18 | 6-24 | 6-30 | 6-36 | 6-42 | 6-48 | 6-54 |
| 7-14 | 7-21 | 7-28 | 7-35 | 7-42 | 7-49 | 7-56 | 7-63 |
| 8-16 | 8-24 | 8-32 | 8-40 | 8-48 | 8-56 | 8-64 | 8-72 |
| 9-18 | 9-27 | 9-36 | 9-45 | 9-54 | 9-63 | 9-72 | 9-81 |
| 10-20 | 10-30 | 10-40 | 10-50 | 10-60 | 10-70 | 10-80 | 10-90 |
| 11-22 | 11-33 | 11-44 | 11-55 | 11-66 | 11-77 | 11-88 | 11-99 |
| 12-24 | 12-36 | 12-48 | 12-60 | 12-72 | 12-84 | 12-96 | 12-108 |
| 13-26 | 13-39 | 13-52 | 13-65 | 13-78 | 13-91 | 13-104 | 13-117 |
| 14-28 | 14-42 | 14-56 | 14-70 | 14-84 | 14-98 | 14-112 | 14-126 |
| 15-30 | 15-45 | 15-60 | 15-75 | 15-90 | 15-105 | 15-120 | 15-135 |
| 16-32 | 16-48 | 16-64 | 16-80 | 16-96 | 16-112 | 16-128 | 16-144 |

| | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|--------|--------|--------|--------|--------|--------|--------|----|
| 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 | |
| 2-20 | 2-22 | 2-24 | 2-26 | 2-28 | 2-30 | 2-32 | |
| 3-30 | 3-33 | 3-36 | 3-39 | 3-42 | 3-45 | 3-48 | |
| 4-40 | 4-44 | 4-48 | 4-52 | 4-56 | 4-60 | 4-64 | |
| 5-50 | 5-55 | 5-60 | 5-65 | 5-70 | 5-75 | 5-80 | |
| 6-60 | 6-66 | 6-72 | 6-78 | 6-84 | 6-90 | 6-96 | |
| 7-70 | 7-77 | 7-84 | 7-91 | 7-98 | 7-105 | 7-112 | |
| 8-80 | 8-88 | 8-96 | 8-104 | 8-112 | 8-120 | 8-128 | |
| 9-90 | 9-99 | 9-108 | 9-117 | 9-126 | 9-135 | 9-144 | |
| 10-100 | 10-110 | 10-120 | 10-130 | 10-140 | 10-150 | 10-160 | |
| 11-110 | 11-121 | 11-132 | 11-143 | 11-154 | 11-165 | 11-176 | |
| 12-120 | 12-132 | 12-144 | 12-156 | 12-168 | 12-180 | 12-192 | |
| 13-130 | 13-143 | 13-156 | 13-169 | 13-182 | 13-195 | 13-208 | |
| 14-140 | 14-154 | 14-168 | 14-182 | 14-196 | 14-210 | 14-224 | |
| 15-150 | 15-165 | 15-180 | 15-195 | 15-210 | 15-225 | 15-240 | |
| 16-160 | 16-176 | 16-192 | 16-208 | 16-224 | 16-240 | 16-256 | |

| | | | |
|--------------------|--------------------|--------------------|--------------------|
| $1 \times 1 = 1$ | $2 \times 1 = 2$ | $3 \times 1 = 3$ | $4 \times 1 = 4$ |
| $1 \times 2 = 2$ | $2 \times 2 = 4$ | $3 \times 2 = 6$ | $4 \times 2 = 8$ |
| $1 \times 3 = 3$ | $2 \times 3 = 6$ | $3 \times 3 = 9$ | $4 \times 3 = 12$ |
| $1 \times 4 = 4$ | $2 \times 4 = 8$ | $3 \times 4 = 12$ | $4 \times 4 = 16$ |
| $1 \times 5 = 5$ | $2 \times 5 = 10$ | $3 \times 5 = 15$ | $4 \times 5 = 20$ |
| $1 \times 6 = 6$ | $2 \times 6 = 12$ | $3 \times 6 = 18$ | $4 \times 6 = 24$ |
| $1 \times 7 = 7$ | $2 \times 7 = 14$ | $3 \times 7 = 21$ | $4 \times 7 = 28$ |
| $1 \times 8 = 8$ | $2 \times 8 = 16$ | $3 \times 8 = 24$ | $4 \times 8 = 32$ |
| $1 \times 9 = 9$ | $2 \times 9 = 18$ | $3 \times 9 = 27$ | $4 \times 9 = 36$ |
| $1 \times 10 = 10$ | $2 \times 10 = 20$ | $3 \times 10 = 30$ | $4 \times 10 = 40$ |
| $1 \times 11 = 11$ | $2 \times 11 = 22$ | $3 \times 11 = 33$ | $4 \times 11 = 44$ |
| $1 \times 12 = 12$ | $2 \times 12 = 24$ | $3 \times 12 = 36$ | $4 \times 12 = 48$ |

| | | | |
|--------------------|--------------------|--------------------|--------------------|
| $5 \times 1 = 5$ | $6 \times 1 = 6$ | $7 \times 1 = 7$ | $8 \times 1 = 8$ |
| $5 \times 2 = 10$ | $6 \times 2 = 12$ | $7 \times 2 = 14$ | $8 \times 2 = 16$ |
| $5 \times 3 = 15$ | $6 \times 3 = 18$ | $7 \times 3 = 21$ | $8 \times 3 = 24$ |
| $5 \times 4 = 20$ | $6 \times 4 = 24$ | $7 \times 4 = 28$ | $8 \times 4 = 32$ |
| $5 \times 5 = 25$ | $6 \times 5 = 30$ | $7 \times 5 = 35$ | $8 \times 5 = 40$ |
| $5 \times 6 = 30$ | $6 \times 6 = 36$ | $7 \times 6 = 42$ | $8 \times 6 = 48$ |
| $5 \times 7 = 35$ | $6 \times 7 = 42$ | $7 \times 7 = 49$ | $8 \times 7 = 56$ |
| $5 \times 8 = 40$ | $6 \times 8 = 48$ | $7 \times 8 = 56$ | $8 \times 8 = 64$ |
| $5 \times 9 = 45$ | $6 \times 9 = 54$ | $7 \times 9 = 63$ | $8 \times 9 = 72$ |
| $5 \times 10 = 50$ | $6 \times 10 = 60$ | $7 \times 10 = 70$ | $8 \times 10 = 80$ |
| $5 \times 11 = 55$ | $6 \times 11 = 66$ | $7 \times 11 = 77$ | $8 \times 11 = 88$ |
| $5 \times 12 = 60$ | $6 \times 12 = 72$ | $7 \times 12 = 84$ | $8 \times 12 = 96$ |

| | | | |
|---------------------|----------------------|----------------------|----------------------|
| $9 \times 1 = 9$ | $10 \times 1 = 10$ | $11 \times 1 = 11$ | $12 \times 1 = 12$ |
| $9 \times 2 = 18$ | $10 \times 2 = 20$ | $11 \times 2 = 22$ | $12 \times 2 = 24$ |
| $9 \times 3 = 27$ | $10 \times 3 = 30$ | $11 \times 3 = 33$ | $12 \times 3 = 36$ |
| $9 \times 4 = 36$ | $10 \times 4 = 40$ | $11 \times 4 = 44$ | $12 \times 4 = 48$ |
| $9 \times 5 = 45$ | $10 \times 5 = 50$ | $11 \times 5 = 55$ | $12 \times 5 = 60$ |
| $9 \times 6 = 54$ | $10 \times 6 = 60$ | $11 \times 6 = 66$ | $12 \times 6 = 72$ |
| $9 \times 7 = 63$ | $10 \times 7 = 70$ | $11 \times 7 = 77$ | $12 \times 7 = 84$ |
| $9 \times 8 = 72$ | $10 \times 8 = 80$ | $11 \times 8 = 88$ | $12 \times 8 = 96$ |
| $9 \times 9 = 81$ | $10 \times 9 = 90$ | $11 \times 9 = 99$ | $12 \times 9 = 108$ |
| $9 \times 10 = 90$ | $10 \times 10 = 100$ | $11 \times 10 = 110$ | $12 \times 10 = 120$ |
| $9 \times 11 = 99$ | $10 \times 11 = 110$ | $11 \times 11 = 121$ | $12 \times 11 = 132$ |
| $9 \times 12 = 108$ | $10 \times 12 = 120$ | $11 \times 12 = 132$ | $12 \times 12 = 144$ |

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| $13 \times 1 = 13$ | $14 \times 1 = 14$ | $15 \times 1 = 15$ | $16 \times 1 = 16$ |
| $13 \times 2 = 26$ | $14 \times 2 = 28$ | $15 \times 2 = 30$ | $16 \times 2 = 32$ |
| $13 \times 3 = 39$ | $14 \times 3 = 42$ | $15 \times 3 = 45$ | $16 \times 3 = 48$ |
| $13 \times 4 = 52$ | $14 \times 4 = 56$ | $15 \times 4 = 60$ | $16 \times 4 = 64$ |
| $13 \times 5 = 65$ | $14 \times 5 = 70$ | $15 \times 5 = 75$ | $16 \times 5 = 80$ |
| $13 \times 6 = 78$ | $14 \times 6 = 84$ | $15 \times 6 = 90$ | $16 \times 6 = 96$ |
| $13 \times 7 = 91$ | $14 \times 7 = 98$ | $15 \times 7 = 105$ | $16 \times 7 = 112$ |
| $13 \times 8 = 104$ | $14 \times 8 = 112$ | $15 \times 8 = 120$ | $16 \times 8 = 128$ |
| $13 \times 9 = 117$ | $14 \times 9 = 126$ | $15 \times 9 = 135$ | $16 \times 9 = 144$ |
| $13 \times 10 = 130$ | $14 \times 10 = 140$ | $15 \times 10 = 150$ | $16 \times 10 = 160$ |
| $13 \times 11 = 143$ | $14 \times 11 = 154$ | $15 \times 11 = 165$ | $16 \times 11 = 176$ |
| $13 \times 12 = 156$ | $14 \times 12 = 168$ | $15 \times 12 = 180$ | $16 \times 12 = 192$ |

| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 |
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 | 77 | 84 |
| 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 | 88 | 96 |
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 |
| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 110 | 121 | 132 |
| 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |

TIHTUR IV

PUNTIR

Puntir rawh -

| | | | | | |
|-----------------|----------|----|----------|-----------------|----------|
| 1 | 415×5 | 2 | 372×8 | 3 | 364×4 |
| 4 | 861×9 | 5 | 324×4 | 6 | 816×6 |
| 7 | 346×28 | 8 | 450×92 | 9 ⁿ | 244×124 |
| 10 | 812×156 | 11 | 3245×46 | 12 | 2861×37 |
| 13 | 3942×38 | 14 | 5687×93 | 15 | 5279×98 |
| 16 ⁺ | 1934×215 | 17 | 5468×412 | 18 | 2473×316 |
| 19 ⁺ | 1987×837 | 20 | 4284×519 | 21 ⁺ | 922×507 |
| 22 | 642×367 | 23 | 1256×219 | 24 ⁺ | 709×876 |

Tehna hláwm khat chu figure engzát pawh ni
 he number pum (pakhat) anga ngaih a ni He
 hangin= 5 27 35 number pum hláwm khat
 (whole number) anga ngaih an ni Tin number
 pahnih puntira chutiang number lo ni thei anga
 chu Factor' an ti Hetiangin= 5 leh 3 chu 15
 factor a ni Number han deuhthe chu puntir a lo
 harsat thin avângin he ni factor dân hmang
 hian kan puntir bawh thin a ni

Entirna — 49×36

$$\begin{array}{r} \text{(1)} \quad 49 \times \quad 4 \times 9 = (2) \quad 49 \times \quad 6 \times 6 \\ \quad \quad \quad \underline{9} \quad \quad \quad \quad \quad \underline{6} \\ \quad \quad \quad 441 \quad \quad \quad \quad \quad 294 \\ \quad \quad \quad \underline{4} \quad \quad \quad \quad \quad \underline{6} \\ \quad \quad \quad 1764 \quad \quad \quad \quad \quad 1764 \end{array}$$

$$= 49 \times 36 = 49 \times 4 \times 9 = 49 \times 6 \times 6 = 1764$$

Entirna ang hian 49 hi 36 in kan puntir a
 6 factor chu 4×9 emaw 6×6 emaw a ni (1) 49
 hi 9 a puntir ohhuak chu 441 a ni a chu chu 4 a
 puntir lehin 1764 a lo ni chu chu $49 \times 36 = 1764$
 thna a ni Chutiang bawkin entirna (2) na ang
 hian 6-in puntir a a ohhuak chu 6 bawka puntir
 huan 6×6 emaw 36 emawa puntir tihna tluk a
 p ni ang

TIENTUR V

Factor in puntir rawh —

| | | | |
|----|-----------|-----|-----------|
| 1 | 23 × 24 | 6 | 29 × 5) |
| 2 | 56 × 36 | 7/ | 35 × 35 |
| 3 | 72 × 27 | 8 | 53 × 49 |
| 4 | 72 × 42 y | 9 x | 123 × 66 |
| 5, | 62 × 32 | 10 | 244 × 144 |

PUNTIR SEI

Number tam sawkte chu achang chuan Fac
tor lovin kan puntir thin a Chutiang chu PUN
TIR SEI kan ti mai thin Hetiang hian

$$\begin{array}{r}
 \text{I} \quad 4904 \times 836 \\
 \hline
 \quad 4904 \times 836 \\
 \hline
 3923200 = 4904 \times 800 \\
 147120 = 4904 \times 30 \\
 29424 = 4904 \times 6 \\
 \hline
 4099744 = 4904 \times 836
 \end{array}$$

$$\begin{array}{r}
 \text{II} \quad 4904 \times 836 \times \\
 \hline
 \begin{array}{|c|c|c|c|c|c|c|} \hline & & & 4 & 9 & 0 & 4 \\ \hline & & 2 & 9 & 4 & 2 & 4 \\ \hline & 1 & 4 & 7 & 1 & 2 & \\ \hline 3 & 9 & 2 & 3 & 2 & & \\ \hline 4 & 0 & 9 & 9 & 7 & 4 & 4 \\ \hline \end{array}
 \begin{array}{l}
 \times 836 \\
 = 4904 \times 6 \\
 = 4904 \times 30 \\
 = 4904 \times 800 \\
 = 4904 \times 836
 \end{array}
 \end{array}$$

Dân nâânin entîrna 2 na ang hîan kan puntîr sâwk mah thîn a ni Kan puntîrna kha pa hmun lama kan tan chuan pa hmuna a ehhuak chu kan dah taw a sâwm hmuna kan puntîr chuan sâwm hmunah kan dah tan a za hmunah a nih leh za hmunah chutiang zêlin Tichuan puntîr hmun 10 hnuai lam hmun chauh hria pawh in eng number pawh kan puntîr thei a ni

TIHTUR VI

Puntîr rawh — (Factor lovin)

| | | | |
|---|-------------------|----|-------------------|
| 1 | 874×42 | 7 | 1222×527 |
| 2 | 159×63 | 8 | 1926×264 |
| 3 | 165×75 | 9 | 642×307 |
| 4 | 625×238 | 10 | 1756×219 |
| 5 | 1024×297 | 11 | 876×709 |
| 6 | 746×243 | 12 | 505×207 |

S E M S E I

Number 1—16 chuan semtawin kan sem thei
 a Factor nei thei number pawhin factor in kan
 sem thei a Amaherawbche number hian leh tam
 zawk factor nei thei lova kan sem dawn chuan
 sem taw; dānin a harsa a factor a zawn theih
 loh bawh avāngin emaw factor zawn aia a awl
 sam zawk vāng emaw a number pum chuan kan
 sem thin Chutlanga sem chu SFM SEI an ti thin

Hetiāng hian — $6785 - 27 \times$

27)6785(251

54

138

135

35

27

8 a chuang

Ans 251 leh a chuang 8

Number eng anga hian pawhin be mi entirna
 dān ang hian eng number pawh awl takin a sem
 theih a ni

- 1 4922—17 to 55 to 47 to, 61 to hian,
- 2 50834—19 to, 23 to, 31 to, 99 to hian
- 3 69233÷103 to 123 to 187 to 191 to hian
- 4 586870—52 to 76 to 45 to 618 to hian

FACTOR SEM

Semtu number kha a lo len chuan sem tawia sem a harsa lutuk thin a chuvangin semtu number kha a factor kan zawng a a number a lo tet tak avangin sem tawin awl takin a lo sem theih leh thin a ni

Hetiangan — 1344—24

A semtu number 24 chu a factor kan zawng a
Tichuan $24 = 6 \times 4$ emaw 8×3

$$\begin{array}{r} \text{I} \quad 6)1344 \\ \quad 4)224 \\ \quad \quad 56 \end{array}$$

$$\begin{array}{r} \text{II} \quad 8)1344 \\ \quad 3)168 \\ \quad \quad 56 \end{array}$$

Tichuan $1344-24 = 56$

Factor in sem rawh —

1 924—12 4 895—15 7 1248—48

560⁺×20 5 972—36 8 2432—64

3 476—28 6 484—22 9 1155—35

TIHTUR VII

TINRENG

1 (a) A thuin siak rawh —

180012 74015 2060752

(b) Figure-in siak rawh —

Nauhnaih leh singkhat leh pakua singkua
leh sanghnih leh sawm leh pakhat, maktadua:
hnih leh sawm

2 Huan pakhatat chuan mau 2671 theihai kung
983, sêrthlum kung 4200 a sawm a chu huana
thei kung leh mau sawng zawng chu engrât
nge!

3 Sêrthlum sangkhat naupang hnénah an sem a,
naupang sawng zawng chuan 5 theuhin an
chang a, naupang engrât hnénah nge an sem!

- 4 Thingrem pakhatat chuan sérthlum pum 378
a awm a chutiang thingrem 24 a sérthlum
chu engzátngé tling ang?
- 5 Napoleona chu 1769 ah a piang a kum 1821
ah a thi a a thihin engtia upa nge a nih?
- 6 Theihai pum 265 ka nei a mi pakhat hnénah
pum 15 zól pe ta ila mi engzát hnénah nge
ka sem theih ang?
- 7 7203 leh 4980 inthlaubna hi engzátngé?
- 8 Leikhabu pakhatat chuan phék 122 a awm
a phék tiseh chuan tlar 30 a awm theuh a,
chu leikhabu pumpuiah chuan tlar engzátngé
awm ang?

INDIA TANGKA

| | | | | | | | | |
|-------|---|---|-----|-------|---|-----|---|------|
| Chéng | 1 | = | 100 | paise | = | (P) | = | (nP) |
| Duli | 1 | = | 50 | " | | | | |
| Siki | 1 | = | 25 | , | | " | | |
| | | | 10 | , | | " | | |
| | | | 5 | , | | | | |
| | | | 2 | , | | " | | |
| | | | 1 | | | | | |

TIENTUR VIII

Belh rawh —

| Rs nP | Rs nP | Rs nP |
|----------|----------|----------|
| 1 215 36 | 2 187 69 | 3 365 09 |
| 116 79 | 99 86 | 287 70 |
| 79 98 | 416 78 | 319 80 |
| 18 79 | 915 99 | 402 54 |

| Rs. nP | Rs nP | Rs nP |
|------------|----------|-----------|
| 4. 1009 92 | 5 24 99X | 6 1250 06 |
| 75 09 | 795 42 | 614 17 |
| 426 77 | 25 88 | 153 84 |
| 518 56 | 76 79 | 678 29 |

AW

Paith rawh —

| | | | | | |
|---|--------|---|---------|---|---------|
| 1 | Rs nP | 2 | Rs nP | 3 | Rs nP |
| | 345 09 | | 1264 77 | | 3916 78 |
| | 196 91 | | 909 88 | | 3825 95 |

| | | | | | |
|---|---------|---|-----------|---|---------|
| 4 | Rs nP | 5 | Rs nP | 6 | Rs nP |
| | 2897 36 | | 3498 55 ½ | | 3004 21 |
| | 1978 49 | | 3009 48 | | 2999 89 |

B

Puntir rawh —

| | | | | | |
|----|---------------|----|--------------|----|---------------|
| 1 | Rs nP | 2 | Rs nP | 3 | Rs nP |
| | 25 06 × 12 | | 36 12 × 15 × | | 75 48 × 16 |
| 4 | Rs nP | 5 | Rs nP | 6 | Rs nP |
| | 156 44 × 24 | | 264 77 × 36 | | 1754 39 × 86 |
| 7 | Rs nP | 8 | Rs nP | 9 | Rs nP |
| | 1647 77 × 215 | | 919 68 × 175 | | 7849 34 × 264 |
| 10 | Rs. nP | 11 | Rs nP | 12 | Rs nP |
| | 145 78 × 87 | | 695 02 × 45 | | 1786 16 × 329 |

CH

| | | | |
|---|----------------|----|-----------------|
| 1 | Rs 386 98—12 | 6 | Rs 16849 80—165 |
| 2 | Rs 1387 80 80X | 7 | Rs 29857 78—274 |
| 3 | Rs 3825 72—36 | 8 | Rs 2987 50—125 |
| 4 | Rs 5764 71—97 | 9 | Rs 8665 94—217 |
| 5 | Rs 8067 57—123 | 10 | Rs 24864 75—225 |

D

- 1 Rs 62004 12 ka nei a in lei nan Rs 5603 25
ka hmang a engzátngé ka hman bân ?
- 2 Kum khat ohhûngin sumdâwngtu pakhat chuan
Rs 6782 72 a khâwl a, a kum lehah chuan
Rs 3893 95 a khâwl belh leh a kum hnih
ohhûnga a khâwl zawng zawng chu oheng eng
zâtngé thug ?
- 3 Inhlawhfa 125 an awm a kum khat ohhûngin
Rs 560 54 theuh an hlawh a an vaia hlawh
fiahkhawm chu engzátngé tling ang ?
- 4 Inhlawhfa 214 ka rui a an hlawh ka pék
zawng zawng chu Rs. 3531 a ni a, engzât
theuh nge an hlawh ?

B U K N A

10 Grams (gm) = 1 Decagram (dg)

10 Decagrams = 1 Hectogram (hg)

10 Hectograms — 1 Kilogram (kg)

TIHTUR VIH 17

Belh rawh —

1 kg hg dg gm

215 7 8 6

105 8 4 9

605 9 8 7

3 kg hg dg gm

318 7 6 4

25 8 3 9

408 7 9 8

651 9 5 4

2 kg hg dg gm

302 7 6 3

214 4 5 8

302 6 3 5

415 7 9 4

4 kg hg dg gm

516 7 6 8

342 4 3 9

284 7 9 8

258 4 3 7

| 5 | kg | gm | 6 | kg | gm | 7 | kg | gm |
|---|-----|-----|---|-----|-----|---|-----|-----|
| | 22 | 168 | | 312 | 724 | | 321 | 105 |
| | 72 | 426 | | 158 | 413 | | 215 | 302 |
| | 136 | 376 | | 236 | 802 | | 412 | 707 |
| | 245 | 736 | | 321 | 436 | | 159 | 529 |

| 8 | kg | gm | 9 | kg | gm | 10 | kg | gm |
|---|-----|-----|---|-----|-----|----|-----|-----|
| | 325 | 101 | | 105 | 642 | | 186 | 902 |
| | 412 | 813 | | 204 | 311 | | 15 | 34 |
| | 213 | 54 | | 506 | 654 | | 78 | 105 |
| | 115 | 910 | | 302 | 15 | | 237 | 456 |

AW

Paib rawh —

| 1 | kg | hg | dg | gm |
|---|-----|----|----|-----|
| | 262 | 3 | 4 | 2 X |
| | 159 | 7 | 9 | 3 |

| 2 | kg | hg | dg | gm |
|---|-----|----|----|----|
| | 315 | 6 | 3 | 1 |
| | 206 | 7 | 4 | 9 |

| 3 | kg | hg | dg | gm |
|---|-----|----|----|----|
| | 617 | 1 | 8 | 7 |
| | 591 | 9 | 9 | 8 |

| 4 | kg | hg | dg | gm |
|---|-----|----|----|----|
| | 723 | 4 | 6 | 4 |
| | 309 | 9 | 8 | 7 |

| | | | | | | | | |
|-----|-----|----|-----|-----|----|------|-----|----|
| 5 | kg | gm | 6 | kg | gm | 7 | kg | gm |
| 412 | 311 | | 258 | 134 | | 2112 | 72 | |
| 153 | 509 | | 179 | 897 | | 1909 | 435 | |

| | | | | | | | | |
|-----|-----|----|-----|-----|----|------|-----|----|
| 8 | kg | gm | 9 | kg | gm | 10 | kg | gm |
| 468 | 15 | | 536 | 712 | | 1394 | 2 | |
| 389 | 702 | | 448 | 887 | | 916 | 149 | |

T.

Puntir rawh —

| | | | | | | | | | |
|-----|-----|-------------|------|-------------|-------------|------|-----|-------------|-------------|
| 1 | kg | hg | dg | gm | 2 | kg | hg | dg | gm |
| 25 | 7 | 8 | 6 | $\times 12$ | 124 | 3 | 4 | 6 | $\times 15$ |
| 3 | kg | hg | dg | gm | 4 | kg | hg | dg | gm |
| 256 | 7 | 8 | 7 | $\times 16$ | 314 | 5 | 8 | 7 | $\times 25$ |
| 5 | kg | hg | dg | gm | 6 | kg | hg | dg | gm |
| 374 | 5 | 8 | 4 | $\times 27$ | 615 | 9 | 4 | 8 | $\times 35$ |
| 7 | kg | gm | 8 | kg | gm | 9 | kg | gm | |
| 156 | 254 | $\times 13$ | 314 | 627 | $\times 15$ | 1421 | 106 | $\times 16$ | |
| 10 | kg | gm | 11 | kg | gm | 12 | kg | gm | |
| 847 | 614 | $\times 24$ | 1154 | 724 | $\times 18$ | 1194 | 436 | $\times 25$ | |

CH

Sem rawh —

1 kg hg dg gm
45 7 9 2-12

2 kg hg dg gm
164 8 7 9-13

3 kg hg dg gm
164 7 7 5-15

4 kg hg dg gm
243 7 2 8-16

5 kg gm
248 118-13

6 kg gm
376 380-15

7 kg gm
614 106-18

8 kg gm
897 392-16

9 kg gm
1274 875-14

10 kg gm
265 128-24

11 kg gm
625 125-25

12 kg gm
794 116-36

CHHINCHHIAH TÛR

Bu hnihnaah khân dân h hmanga bûkna leh tehna tih dân zawn zawn chu chipohiar taka entir a nih tawh avângin Bu thumnaah hi chuan entir tûl tawh lova briat a ni a Chuvângin a dân entirna a awm tawh lo va Tin bûk lung hman ber chu Kilogram khat (1 kg) leh 500 gram (500 gm) — Kilo khat leh gram chaub hman a nih avângin — chu mi hmanga tih dân entir a ni Chutiang bawkin tehnaah pawh Kilometre metre centimetre hi hman ber tûr a ni a harsa deuh mah sela — a hman dân hi zir tel a tûl a ni

TEHNA

| | | |
|---------------------|---|-------------------|
| 10 Centimetres (cm) | = | 1 Decimetre (dm) |
| 10 Decimetres | = | 1 Metre (M) |
| 10 Metres | = | 1 Decametre (Dm) |
| 10 Decametres | = | 1 Hectometre (Hm) |
| 10 Hectometres | = | 1 Kilometre (Km) |

| | | |
|-----------------|---|-------------|
| 100 Centimetres | = | 1 Metre |
| 1000 Metres | = | 1 Kilometre |

TINTUR X,

Belh rawh —

A

| | | | | | | | | | | | | | |
|---|-----|-----|----|--------------|----|----|----|-----|-----|----|---|----|----|
| 1 | km | hm | Dm | m | dm | cm | 2 | km | hm | Dm | m | dm | cm |
| | 24 | 8 | 6 | 4 | 3 | 9 | | 124 | 7 | 5 | 3 | 4 | 6 |
| | 64 | 7 | 6 | 9 | 3 | 2 | | 96 | 9 | 3 | 9 | 7 | 6 |
| | 125 | 8 | 6 | 5 | 4 | 3 | | 214 | 7 | 3 | 5 | 4 | 2 |
| | 92 | 7 | 3 | 6 | 2 | 7 | | 218 | 4 | 9 | 2 | 8 | 7 |
| 3 | km | hm | Dm | m | dm | cm | 4 | km | hm | Dm | m | dm | cm |
| | 262 | 3 | 8 | 3 | 4 | 5 | | 262 | 3 | 4 | 2 | 9 | 7 |
| | 175 | 4 | 3 | 2 | 7 | 6 | | 416 | 9 | 4 | 2 | 9 | 7 |
| | 463 | 9 | 7 | 2 | 3 | 5 | | 278 | 0 | 1 | 8 | 0 | 9 |
| | 105 | 7 | 3 | 1 | 4 | 7 | | 95 | 7 | 4 | 5 | 6 | 8 |
| 5 | km | m | cm | | | | 6 | km | m | cm | | | |
| | 24 | 425 | 36 | | | | | 12 | 926 | 70 | | | |
| | 12 | 184 | 72 | | | | | 4 | 256 | 64 | | | |
| | 34 | 526 | 64 | | | | | 23 | 183 | 92 | | | |
| | 5 | 316 | 28 | | | | | 15 | 306 | 54 | | | |
| 7 | km | m | cm | | | | 8 | km | m | cm | | | |
| | 44 | 464 | 17 | | | | | 35 | 72 | 18 | | | |
| | 62 | 735 | 33 | | | | | 23 | 605 | 39 | | | |
| | 154 | 106 | 25 | | | | | 16 | 569 | 78 | | | |
| | 8 | 59 | 63 | | | | | 30 | 191 | 63 | | | |
| 9 | km | m | cm | | | | 10 | km | m | cm | | | |
| | 27 | 905 | 76 | | | | | 212 | 75 | 86 | | | |
| | 5 | 160 | 50 | | | | | 312 | 879 | 94 | | | |
| | 72 | 342 | 46 | | | | | 5 | 317 | 21 | | | |
| | 8 | 561 | 31 | | | | | 12 | 105 | 35 | | | |

A W

aib^hrawb —

| km | hm | Dm | m | dm | cm | 2 | km | hm | Dm | m | dm | cm |
|----|----|----|---|----|----|---|----|----|----|---|----|----|
| 36 | 1 | 8 | 4 | 2 | 1 | | 56 | 3 | 2 | 4 | 1 | 5 |
| 29 | 9 | 9 | 7 | 0 | 9 | | 17 | 3 | 9 | 6 | 5 | 7 |

| 1 | km | hm | Dm | m | dm | cm | 4 | km | hm | Dm | m | dm | cm |
|---|----|----|----|---|----|----|---|----|----|----|---|----|----|
| | 45 | 3 | 7 | 2 | 4 | 1 | | 72 | 3 | 2 | 1 | 4 | 1 |
| | 33 | 2 | 9 | 1 | 5 | 8 | | 66 | 4 | 2 | 9 | 3 | 9 |

| 5 | km | m | cm |
|---|----|-----|----|
| | 33 | 145 | 27 |
| | 7 | 685 | 19 |

| 6 | km | m | cm |
|---|----|-----|----|
| | 25 | 5 | 7 |
| | 3 | 816 | 7 |

| 7 | km | m | cm |
|---|-----|-----|----|
| | 18 | 104 | 21 |
| | 17 | 552 | 84 |
| 9 | km | m | cm |
| | 125 | 115 | 36 |
| | 78 | 826 | 45 |

| 8 | km | m | cm |
|----|----|-----|----|
| | 25 | 615 | 36 |
| | 19 | 666 | 29 |
| 10 | km | m | cm |
| | 98 | 24 | 1 |
| | 18 | 536 | 45 |

B

Puntir rawh -

| | km | hm | Dm | m | dm | cm |
|---|-----|----|----|---|----|---------------|
| 1 | 34 | 7 | 6 | 6 | 8 | 7×12 |
| 2 | 42 | 3 | 4 | 2 | 7 | 5×14 |
| 3 | 14 | 2 | 7 | 4 | 1 | 8×13 |
| 4 | 21 | 7 | 4 | 9 | 8 | 3×16 |
| 5 | 124 | 2 | 8 | 2 | 3 | 6×15 |
| 6 | 21 | 2 | 6 | 3 | 4 | 5×23 |
| 7 | 16 | 7 | 8 | 9 | 6 | 7×24 |
| 8 | 33 | 2 | 9 | 1 | 8 | 3×25 |

| | km | m | cm | | km | m | cm |
|----|----|-----|----------------|----|-----|-----|----------------|
| 9 | 21 | 412 | 76×15 | 13 | 121 | 812 | 91×16 |
| 10 | 16 | 527 | 39×21 | 14 | 15 | 764 | 27×18 |
| 11 | 42 | 101 | 16×36 | 15 | 14 | 24 | 82×15 |
| 12 | 62 | 642 | 71×25 | 16 | 132 | 927 | 96×24 |

CH

m rawh —

| | km | hm | Dm | m | dm | cm |
|---|----|----|----|---|----|--------|
| 1 | 15 | 6 | 2 | 3 | 4 | 2 — 12 |

| | | | | | | |
|---|----|---|---|---|---|--------|
| 2 | 25 | 7 | 6 | 4 | 7 | 5 — 15 |
|---|----|---|---|---|---|--------|

| | | | | | | |
|---|----|---|---|---|---|--------|
| 3 | 42 | 3 | 4 | 6 | 1 | 7 — 13 |
|---|----|---|---|---|---|--------|

| | | | | | | |
|---|----|---|---|---|---|--------|
| 4 | 34 | 8 | 9 | 7 | 9 | 2 — 16 |
|---|----|---|---|---|---|--------|

| | | | | | | |
|---|----|---|---|---|---|--------|
| 5 | 78 | 9 | 2 | 1 | 8 | 1 — 27 |
|---|----|---|---|---|---|--------|

| km | m | cm | | km | m | cm |
|-----|-----|-------|---|-----|-----|-------|
| 333 | 421 | 92—16 | 9 | 180 | 765 | 75—15 |

| | | | | | | |
|-----|-----|-------|----|-----|-----|-------|
| 164 | 825 | 96—12 | 10 | 323 | 540 | 98—14 |
|-----|-----|-------|----|-----|-----|-------|

| | | | | | | |
|-----|-----|-------|----|-----|-----|-------|
| 316 | 750 | 35—15 | 11 | 125 | 626 | 25—25 |
|-----|-----|-------|----|-----|-----|-------|

TIENTUR KI

TINRENG

- 1 Mi pakhat hnénah hruizén 20 km 2 m 9 cm
in ka pe a, mi dang hnénah 25 km 11 m
ka pe leh a tin 200 km leh 4 m leh 3 cm
ka la nei a, a tirah engtia sei ngo ka neih?
- 2 Ka zin kawngah 10 km 2 m ka kala 3 km
55 m ka kal leh a, 2 km 3 m 40 cm kal
tûr ka la nei fo va ka zin kawng chu engtia
hla ngo?
- 3 Lazai 200 km a sei aţangin 136 km 10 m
pah la engtia sei ngo la awm ang?
- 4 Km 16 kal tûr ka nei a 8 km 6 m 20 cm
ka kal huun engtia hla ngo kal tûr ka la
neih?
- 5 Vawi khat zuanah 13 Dm 6 cm ka zuang thei
a vawi 7 ka zuanin engtia thui ngo ka zuan
ang?
- 6 Thirsakawrin dârkâr khatah 6 km 8 m 10 cm
ka tian a dârkâr 9 ah engtia hla ngo ka tian
ang?
- 7 Pindan 5 a dung lam isohen theuh a awm a
pindan pakhat dung lam chu 6 m 4 cm a
ni a, pindan 5 chu sawm khawm ta hla eng
tia sei ngo ni ang?

- 8 Thirsekawrah ka chuang a dârkâr khatnaah
10km 6m 5cm ka tlân a dârkâr 2 naah
16km 7m 2cm ka tlân a dârkâr 3-naah
21km 7m 11cm ka tlân a dârkâr 3 ohhûng
chuan engtia hla nge ka tlân ang?
- 9 Puan thuituin kamis 6 atân 24 m hmang sela
kamis pakhat atân engtia sei nge a duh ang?
- 10 Mî pakhatin hruizên 17m 2dm a nei a, om
engzâtngê tling ang?
- 11 Naupang pakhat chuan vawî khat tumah 1m
2cm tum thei sela vawî 8 tumah engtia thui
nge a tum ang?
- 12 Nî khatab 23km 83m ka kal thei a Lala
chu 26km 24m a kal thei a engtia thui nge
kei sin a kal theih ang?
- 13 Tukverh 6 atân puan zâr tûr 17m 2cm a
ngai a tukverh pakhat atân puan engtia sei
nge ngai ang?
- 14 2km 6m 14dm 2cm hi em engzâtngê nî?

BILL SIAM DÂN

Mua dāwrkaiah emaw thui a baa a lei chuan
 a leina chuan a ba chu a thia hunin lehkhain Pa
 thing thia a chetiang tihna chu "Bill an ti thia
 a ni

Entir nān — Thangan dāwrkaiah a baa a
 lakte chu puan m 12 @ Rs 2, chi kg 20 @ 50 np
 lehkhatur bư 6 @ Rs 1 25 np a ni a bill siam
 rawh —

| | Rs np |
|-------------------------------|----------|
| *1 Puan 12 m @ Rs 2/ | 24 0 |
| 2 Chi 20 kg @ 50 np | 10 0 |
| 3 Lehkhatur bư 6 @ Rs 1 25 np | 7 50 |
| | <hr/> |
| Avann Rs | 41 50 np |

TIHTUR XII

Heng bill hi siam chhuak rawh —

- 1 Puan Rs 5 86 np man ei tui Rs 6 43 np
 na man Rs 8 46 np. nān
- 2 Chithlun kg 10 @ 62 np zel, chi Kilo 4 @
 40 np zel, tui lun bai 1 Rs 2 50 np man,
 no 6 @ 25 np zel x

- 3 Puan 6 m @ Re 1 50 np sam phiar puan 6 m @ 12 np bakkulh 12 @ 4 np nihhap 3 @ Re 1 75np
 - 4 Buhfai kg 10 @ 56 np zél chhangphut kg 3 @ 25 np zél kháwnvátui tin 1 Re 50 np laltin 2 @ Re 1 62 np zél
 - 5 Lebkhabu 6 @ Re 1 75 np zél lebkhabu 6 @ 56 np zél lehkhatur búr 6 @ 32 np zél kawlawm doz 12 @ 62 np dozen khat zelah
 - 6 Pheikhawk bun khat Rs 4 75 np khaidiat 3 m @ Re 1 25 np zél lunglebkha 4' @ 2 np zél fencol 6 @ 12 np zél
- Alu kg 7 @ 75 np zél purân kg 10 @ 56 np zél dairuah kg 2 @ 86 np zél thingpui kg 2½ @ Rs 5 50 np zél X
- 8 Thutthlêng 6 @ Rs 4 50 np zél dawhkân 1 Re 5 75 np man' no 6 @ Re 1 50 np thingpui thitna 1 Re 1 25 np man

HUN BI TBHNA

| | | |
|-----------------|---|------------------|
| 60 Second (sec) | = | 1 Minute (1 min) |
| 60 Minute | = | 1 Hour (1 hr) |
| 24 Hour | = | 1 Day (1 da) |
| 7 Days | = | 1 Week (wk) |
| 365 Days | = | 1 Year (yr) |
| 366 Days | = | 1 Leap year |
| 100 Years | = | 1 Century |

CHANTIR

Entirna —

Hei bi second ah chantir rawh —

7 da 9 hr 10 mins 20 sec

7 da ×

 24

168 hr +

 9

177 hr ×

 60

10620 min +

 10

10630 min

10630 min × ;

 60

637800 sec +

 20

637820 sec.

637820 sec. Ans.

TINTUR XIII

A

Hêngte hı second ah chantır rawh —

| | | | | | |
|----|------|-------|--------|--------|----------|
| 1 | 2 hr | 5 min | | | |
| 2 | 7 hr | 6 min | 5 sec | | |
| 3 | 2 da | 20 hr | 25 min | 50 sec | |
| 4* | 1 wk | 3 da | 15 hr | 20 min | 30 sec |
| 5 | 2 wk | 6 da | 15 hr | 26 min | 16 sec |
| 6 | 3 wk | 5 da | 12 hr | 22 min | 45 sec x |

AW

Hêngte hı (days) nı ahte chantır rawh —

| | | | | | |
|---|-------|------|----|-------|-------------|
| 1 | 3 wk* | | 5 | 3 wk | 4 da |
| 2 | 7 wk | 4 da | 6 | 12 wk | 5 da |
| 3 | 4 wk | 6 da | 7* | 2 yr | 2 wk 6 da |
| 4 | 8 wk | 6 da | 8 | 3 yr | 3 wk 4 da * |

B

Hêngte hı dârkârah chantır rawh —

| | | | | | | |
|---|-------|-------|-------|------|-------|------------|
| 1 | 11 da | | 5 | 3 wk | 5 da | 7 hr |
| 2 | 9 da | 12 hr | 6 | 1 wk | | |
| 3 | 2 wk | 3 da | 4 hr | 7+ | 1 wk | 2 da 15 hr |
| 4 | 5 wk | 6 da | 20 hr | 8 | 15 da | 12 hr |

Entirna —

Hei hi hours (därkär)-ah te, minutes ah te,
second ah te chantir rawh —

7000 sec

60)7000

60)116 min 40 sec

1 hr 56 min

1 hr 56 min, 40 sec Ans

Hêngte hi niah te, därkär ah te minute ah te
chantir rawh —

| | | | | | |
|---|-------------|---|------------|----|-------|
| 1 | 5000 sec | 5 | 140305 min | 9 | 28 hr |
| 2 | 9870 sec | 6 | 140 hr | 10 | 63 hr |
| 3 | 80916 sec | 7 | 124 hr | 11 | 77 hr |
| 4 | 691040 min. | 8 | 156 hr | 12 | 94 hr |

13 Aizawl atangin Zémabawk kal nân därkär 3
leh minutes 30 ka hman a, second eng
zátngé ka hman ták ?

14. Ni khat hi därkär 24 a ni a

(1) Ni khatah minute engzátngé awm ?

(2) Ni khatah second engzátngé awm ?

15 I thian chu nang aha ni 15 in a upa a, där
kär engzátngé a upat ang ?

16 Mihring narán mar phu hi minute 1 ah vaw
75 a ni a, därkär 1 ah vaw engzátngé a
phút ang ?

TIHTUR XIV

BELH

Belh rawh —

A

| 1 | min | sec | 2 | min | sec | 3 | min | sec |
|----|-----|-----|----|-----|------|----|-----|-----|
| | 10 | 21 | | 9 | 45 | | 45 | 55 |
| | 6 | 8 | | 10 | 16 | | 2 | 15 |
| | 9 | 4 | | 25 | 9 | | 5 | 33 |
| 4 | min | sec | 5 | min | sec | 6 | min | sec |
| | 2 | 31 | | 29 | 39 | | 3 | 40 |
| | 15 | 59 | | 8 | 49 | | 2 | 45 |
| | 26 | 40 | | 6 | 50 | | 1 | 25 |
| 7 | min | sec | 8 | min | sec | 9 | min | sec |
| | 4 | 53 | | 15 | 9 | | 19 | 29 |
| | 10 | 19 | | 6 | 42 | | 20 | 38 |
| | 2 | 59 | | 3 | 37 | | 2 | 49 |
| 10 | min | sec | 11 | min | sec' | 12 | min | sec |
| | 4 | 19 | | 1 | 48 | | 8 | 30 |
| | 2 | 55 | | 2 | 50 | | 2 | 10 |
| | 1 | 45 | | 39 | 16 | | 3 | 20 |

AW

Belh rawh —

| | | | | | |
|----|--------------|----|------------|----|------------|
| 1 | hr min, sec | 2 | hr min sec | 3 | hr min sec |
| | 8 10 20 | | 2 25 39 | | 7 6 5 |
| | 9 12 15 | | 8 50 45 | | 8 51 29 |
| | 2 1 3 ✓ | | 3 25 25 | | 5 26 38 |
| 4 | hr min sec ✓ | 5 | hr min sec | 6 | hr min sec |
| | 3 20 30 | | 7 9 16 | | 8 25 40 |
| | 1 9 20 | | 8 28 45 | | 3 26 20 |
| | 2 30 10 | | 4 46 23 | | 1 9 0 |
| 7 | hr min sec ✓ | 8 | hr min sec | 9 | hr min sec |
| | 6 29 15 | | 2 27 18 | | 2 23 45 |
| | 8 45 6 | | 1 46 28 | | 1 16 20 |
| | 9 26 10 | | 2 25 38 | | 2 15 15 |
| 10 | da hr min | 11 | da. hr min | 12 | da hr min |
| | 1 15 35 | | 1 16 20 | | 3 17 20 |
| | 3 8 20 | | 2 5 10 | | 1 18 25 |
| | 1 6 40 | | 1 3 30 | | 2 20 30 |
| 13 | da hr min ✓ | 14 | da hr min | 15 | da hr min |
| | 1 14 25 | | 2 20 30 | | 1 20 46 |
| | 2 8 15 | | 1 16 45 | | 2 15 14 |
| | 1 19 25 | | 3 22 15 | | 1 20 15 |
| 16 | da. hr min ✓ | 17 | da hr min | 18 | da hr min |
| | 2 15 30 | | 1 18 22 | | 1 20 43 |
| | 1 15 15 | | 2 16 45 | | 1 18 30 |
| | 2 15 8 | | 1 14 40 | | 2 23 20 |

TIHTUR XV

PAIH

A

Path rawh —

| | | | | | |
|---|---------|---|---------|---|---------|
| 1 | min sec | 2 | min sec | 3 | min sec |
| | 21 17 | | 36 55 | | 45 40 |
| | 10 7 | | 15 29 | | 16 50 |
| 4 | min sec | 5 | min sec | 6 | min sec |
| | 55 51 | | 34 24 | | 21 52 |
| | 17 29 | | 18 19 | | 5 39 |
| 7 | min sec | 8 | min sec | 9 | min sec |
| | 86 2 | | 24 5 | | 50 10 |
| | 7 35 | | 17 47 | | 27 40 |

AW

| | | | |
|---|------------|---|-------------|
| 1 | hr min sec | 2 | hr min sec |
| | 8 25 10 | | 6 20 10 |
| | 6 12 5 | | 2 18 18 |
| 3 | hr min sec | 4 | hr min sec |
| | 9 2 46 | | 12 20 8 |
| | 7 30 17 | | 6 8 37 |
| 5 | hr min sec | 6 | hr min sec. |
| | 9 2 46 | | 18 20 17 |
| | 7 30 17. | | 17 7 12 |

CH

| | | | | | | | |
|---|-----|----|------|----|----|----|-----|
| 1 | da. | hr | min | 2 | da | hr | min |
| | 45 | 9 | 21 | | 36 | 42 | 9 |
| | 20 | 56 | 18 | | 18 | 59 | 21 |
| 3 | da | hr | min, | 4 | da | hr | min |
| | 6 | 20 | 40 | | 5 | 3 | 10 |
| | 2 | 9 | 20 | | 4 | 1 | 20 |
| 5 | da | hr | min | 6 | da | hr | min |
| | 3 | 5 | 16 | | 3 | 2 | 16 |
| | 1 | 2 | 18 | | 1 | 2 | 14 |
| 7 | da | hr | min, | 8 | da | hr | min |
| | 5 | 7 | 18 | | 4 | 5 | 6 |
| | 2 | 9 | 15 | | 1 | 7 | 8 |
| 9 | da | hr | min | 10 | da | hr | min |
| | 3 | 21 | 52 | | 1 | 21 | 31 |
| | 1 | 22 | 53 | | | 21 | 9 |

THITUR XVI

PUNTIR

A

Puntir rawh --

| | min | sec | | min. | sec |
|----|-----|------|----|------|-------|
| 1 | 12 | 6×6 | 5 | 21 | 52×12 |
| 2 | 10 | 8×8 | 6 | 43 | 46×16 |
| 3 | 10 | 8×7 | 7. | 25 | 17×18 |
| 4. | 21 | 10×6 | 8 | 53 | 49×14 |

AW

| hr min sec | | | | hr min sec | | | |
|------------|----|----|----------------|------------|---|----|----------------|
| 1 | 1 | 4 | 10×4 | 9 | 2 | 5 | 12×4 |
| 2 | 3 | 9 | 6×5 | 10 | 4 | 12 | 20×5 |
| 3 | 21 | 15 | 20×6 | 11 | 6 | 18 | 35×6 |
| 4 | 2 | 42 | 55×7 | 12 | 5 | 22 | 10×7 |
| 5 | 19 | 26 | 29×8 | 13 | 3 | 23 | 59×8 |
| 6 | 22 | 48 | 26×9 | 14 | 1 | 0 | 40×9 |
| 7 | 5 | 18 | 45×10 | 15 | 2 | 0 | 50×12 |
| 8 | 11 | 23 | 26×12 | 16 | 6 | 21 | 45×16 |

TIHTUR XVII

SEM

A

Sem rawh —

| min sec | | | min sec | | |
|---------|----|-------|---------|----|-------|
| 1 | 10 | 4-2 | 6 | 50 | 8-16 |
| 2 | 20 | 8-4 | 7 | 72 | 10-10 |
| 3 | 56 | 42-7 | 8 | 49 | 24-12 |
| 4 | 25 | 18-3 | 9 | 91 | 30-9 |
| 5 | 27 | 44-13 | 10 | 46 | 18-6 |

AW

Soin rawh —

| | hr | min | sec |
|---|----|-----|-----|
| 1 | 12 | 16 | 9-3 |

| | hr | min | sec |
|---|----|-----|-----|
| 5 | 22 | 6 | 0-8 |

| | | | |
|---|----|----|-----|
| 2 | 23 | 20 | 8-4 |
|---|----|----|-----|

| | | | |
|---|----|----|-------|
| 6 | 21 | 18 | 48-12 |
|---|----|----|-------|

| | | | |
|---|----|----|------|
| 3 | 18 | 21 | 17-7 |
|---|----|----|------|

| | | | |
|---|----|----|------|
| 7 | 18 | 40 | 12-9 |
|---|----|----|------|

| | | | |
|---|----|----|-----|
| 4 | 19 | 45 | 5-5 |
|---|----|----|-----|

| | | | |
|---|----|----|-------|
| 8 | 15 | 25 | 36-12 |
|---|----|----|-------|

B

| | da | hr | min. |
|----|----|----|------|
| 1. | 3 | 12 | 6-2 |

| | da. | hr | min |
|---|-----|----|------|
| 5 | 5 | 13 | 20-8 |

| | | | |
|---|---|----|-----|
| 2 | 5 | 18 | 0-3 |
|---|---|----|-----|

| | | | |
|---|---|----|-------|
| 6 | 2 | 16 | 16-16 |
|---|---|----|-------|

| | | | |
|---|---|----|-----|
| 3 | 6 | 21 | 5-5 |
|---|---|----|-----|

| | | | |
|---|----|----|------|
| 7 | 11 | 20 | 50-5 |
|---|----|----|------|

| | | | |
|----|---|---|-----|
| 4. | 4 | 8 | 4-7 |
|----|---|---|-----|

| | | | |
|---|----|----|------|
| 8 | 13 | 46 | 0-12 |
|---|----|----|------|

TIHTUR XVIII

- 1 Ka vin qbbuah nín 3hrs 40min ka kal a a
ni bñih naah 5 hrs 30 min ka kal leh a, a
ni thum nñn 7 hrs 50 min ka kal leh a ni
thum chhûng chuan engtia rei nge ka kal ?
- 2 20hrs 35min 10sec leh 2hrs 50min 5sec
inthaubna chu engtia rei nge ni ang ?
- 3 Ní tñ Sikulah dârkâr 4 leh minute 45 kal vél
ila chawlbkâr bñih chbûngin Sikulah chuan
engtia rei nge ka kal ? (Chawlbkâr khatah ni
5 zél Sikul kal ni a ni)
- 4 Km 2 kal nân 15min 15sec ka hmang a
km 22 kal nân engtia rei nge ka hman ang ?
- 5 Mí pakhat chu 7 da 20 hrs chbûng a zinna
kawngah a kal a chu mí kawng vékah chuan
mí dang a kal ve a 6 da 10 hrs 35 min a
thang a an thang rei bleihna zawng chhuak
rawh ?
- 6 Chawlbkâr khatah dârkâr engzâtngé awm ang ?
- 7 Dârkâr khatah km 5 ka tlân thei a, km
khat tlân nân minute engzâtngé ka hman ang ?
- 8 Mí pakhat chuan ní 42 leh dârkâr 6-ah in a
sa zo thei a, mí 6-in engtia reiah nge chu in
chu an sak zawh theih ang ?

NI LEH THLA CALENDAR THLA

Calendar ang chuan kum khat bi hun 12 a
then a ni a Thla hming indawt dân leh ni awm
zât zêlto chu hetsh hian kan hma a —

| No | Thla hming | Ni zât | No | Thla hming | Ni zât |
|----|------------|--------|----|------------|--------|
| | January | 31 | 7 | July | 31 |
| 1 | February | 28*29 | 8 | August | 31 |
| 3 | March | 31 | 9 | September | 30 |
| 4 | April | 30 | 10 | October | 31 |
| 5 | May | 31 | 11 | November | 30 |
| 6 | June | 30 | 12 | December | 31 |

* Kum thum dân zêlah (kum 4 naah February
hian ni 29 a nei thîn a chu chu Leap year an
ti a ni

Kum te chu leap year a nih leh nih loh
chhât duh ta ila hetiang hian an ti thîn —

Kum zât chu 4 in zom la a chuang awm blek
lova 4 chuan a sem ral chhih theih chuan chu
kum chu leap year a ni ngai ang - Chutichuan
1940 to 1944 to 1948 to hi leap year an ni,
tin 1941 to, 1942 to, 1943 to, 1945 to hi kum
pânggai nân an ni

Bogpawh ni se hêtiâ kan han sawi loh ngaih
dân ringawt chuan kum 1-ah hian chawihkâr 52
awm kan ngai a. Mahsela dik takin kum pâng

ngaish hian chawlhkâr 52 leh ni 1 a awm a tin
leap year ah chuan chawlhkâr 52 leh ni 2 a awm
a ni

Chhiarkawpah han dân nârânin ni kan han
chhiar hian a tan ni emaw a tâwp ni emaw chat h
chhiar tel a ni Sawi kher loh chuan i chhiar
tan ni emaw ni chhiar tâwp n emaw chat h chu an
chhiar tîin a ni mahse chhiar tan ni leh chhiar
tâwp ni chu chhiar tel tûr a nih chuan an sawi thin
Entirna —

1 M reb ni 23 atanga May ni 12 thlang chu n
engzâtng e ni ang?

Ni hmasa ber chhiar lovin hetiang hi a ni ang —

March ni 24 atanga March ni 31 = 8 ni

April = 30 ni

May ni 1 atanga May ni 12 = 12 ni

A vaun 50 ni

2 March 23 atanga May 12 thlang chu sikul
chawlh a ni a (chhiar tan ni leh a tâwp ni
chhiar n) a vaun engzâtng e ni ang?

March 23 atanga March ni 31 = 9 ni

April = 30 ni

March ni 1 atanga May ni 12 = 12 ni

A vaun 51 ni

- 3 Meilawng pakhat chuan December ni 14 1935
ah a chawlhna hmun a chhuahsan a March
ni 5 1936 ah a chawlhna chu a lo thlang leh a
Ni engzatnge a thang bo!

Dec ni 14 atangin Dec ni 31 thlangin = 17 ni

January = 31 ni

February = 29 ni

March ni 1 atanga March ni 5 thlangin = 5 ni

A vain ni 82 Ans

Kum 1936 khi 4 in a chuang' awm lovin a
sam sal chiah avangin 1936 khi chu leap year'
a ni a chuangin February thia khian ni 29 a
nei a ni

TIENTUR XIX

- 1 Heng Kumte bi kum narān nge an nih leap
year zawngh chhuak rawh, — (a) 1894 (b) 1908
(c) 1923 (d) 1938 (e) 1948 (f) 1950
- 2 Kum chanve hma lam January thia atanga
June thia tawp thlang nge ni tam, kum chan-
ve hau lam July thia atanga December tawp
thlang nite chu! Engzatnge (Kum narān
leh leap year ah) a intam hleih?

3 Mi pakhat chuan April thlain Ra 450 a blawh a April ni 1 atanga ni 10 thlenga a blawh chu engzatnge? (ni 1 na leh ni 10 na pawh chhuar teln)

4 Heng inkar nite hi engzatnge?

- (a) April ni 11 atanga August 26 thlengin
- (b) July ni 14 atanga November ni 7 thlengin
- (c) February ni 19 atanga September ni 6 thlengin (1936 kumab)
- (d) October ni 24 atanga March ni 5 thlengin (1939 ah)

5 Leikhathawn hi Sâp ram thleng tûrin ni 19 a duh a Zirtâwpni 29th December 1933 ni singah dâk inah lekhka ka thlak a a kal ta nghal a Eng ni leh tahrikah nge Sâp ram chu a thlen ang?

6 Indopui pakhatna kha August 4 1914 ah tar, a ni a, tin November 11 1918 ah a tâwpa ~~thawh to, thlawh to, ni to toh toh toh toh toh~~ chhâng nge a awb zawng chhuak rawh

THHTUR XX FRACTIONS

Figure A

| | |
|------|--|
| WWWW | |
| WWWW | |
| WWWW | |
| WWWW | |

Hông éntirna lem 3 hi
en la figure A hi hmun
2 ah intlok renga then
phawk a ni a Amahera h
chu he mi then phawk hi
a then khat zawk chauh hi tihdum a ni a Ti
chu n a dum ch n chauh hi kao lak hran chu n
a pum pui chawo $\frac{1}{2}$ kan ti thin a ni

Figure B

| | |
|------|--|
| WWWW | |
| WWWW | |
| WWWW | |
| WWWW | |

Figure B-ah Lian a
pum pui chu intiat theuh
hmun 4 ah kan then a
Nimahsela then hmun
khat chauh hi tihdum a n
a Chuvangin khi mi a dum khi $\frac{1}{2}$ (hmun lia
t ena hmun khat) a ni Chu mi awmzia chu then
4 stanga then khat chauh khi kan la tihna a ni

Figure C

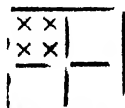
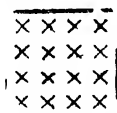
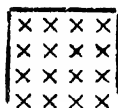
| | | | |
|------|--|--|--|
| WW | | | |
| WW | | | |
| WWWW | | | |
| WWHH | | | |

Chutiang bawkin Figure
C ah hian then 8 intiat
theuh a awm a mahse
then 3 chauh hi lak hran
a ni a Tiekuan khi mi
then 3 tek khi chu y a ni

TIENTUR XXI

A

- 1 Hông fraction awmzia bi i rin ngilna nen a lemin entir rawh — $\frac{1}{2}$ $\frac{3}{4}$ $\frac{7}{10}$
- 2 Chêng khatah chuan 100np a awma 30 np 50np 60 np hi chêng fraction in dah rawh
- 3 1 kg 7 kg 13 kg 9 kg 23 kg te hi kg fraction in d h rawh



He thil lem pathnmte bi en la square
 " te bi a puma thai han vek a ni a pakhat
 erawh khi chu a then chauh thai han a ni
 Tichuan thai han zawng khi chu a pumpui
 pahih leh a pum $\frac{1}{4}$ a ni chu chu $2\frac{1}{2}$ tihna a
 ni

FRACTION CHANTIR

Tûnah decagram 4 bi gram ah kan
 chantir duh chuan 10 in kan puntir a $\frac{1}{4}$ dg
 $\times 10 = 40$ gm a ni tih kan bre tawh a
 Chutiang bawkin decagram ting lo (fraction)
 pawh chu gram ah kan chantir duh chuan
 10 in kan puntir tho a ni

Hetiangin $\frac{1}{10}$ dg hi dg ah chantir rawh —
Decagr m $\frac{1}{10}$ awmzia chu dg 1 kha hmun 10 ah
kan sem a chu mī hmun 10 a thena hmun 7 ate
kha tihna a ni Dg 1 (10 grams) hmun $\frac{1}{10}$ chu

| | | | | |
|----|----|----|----|--|
| ++ | ++ | ++ | ++ | |
| ++ | ++ | ++ | ++ | |
| ++ | ++ | ++ | | |
| ++ | ++ | ++ | | |

10 hi 10-a sem tihna a
ni a, chu hu gram 1
a ni a Tichuan Deca
gram 1 hmun $\frac{1}{10}$ chu

$$1 \times 7 = 7 \text{ grams a ni}$$

Chutiang bawkin Rs $\frac{1}{2}$ hi nP a kan chantir
chuan, Rs $\frac{1}{2}$ chu np 100 hi 5-a sem tihna ni a
chu/chu np 20 tuk a ni Tichuan Rs $\frac{1}{2}$ chu
 $20np \times 4 = 80np$ a ni Rs $\frac{1}{2}$ chu Re 1 hmun 5 a
thena hmun 4 tihna a ni Tichuan cheng khata
np awm zat 100-in kan puntir ang a —

$$Rs \frac{1}{2} \times 100 = 80np$$

AW

1 Heng fraction/te hi a lemin entir rawh —

$$1\frac{1}{2} \quad 2\frac{1}{2} \quad 1\frac{1}{2}$$

2 Re 2 30 np Re 5 60 np Re 1 50 np
Re 1 75 np te hi cheng fraction ah daw
rawh.

- 3 6 dg 4 gm 7 dg 5 gm 11 dg 13 gm
19 dg 11 gm te hi dg ah dah theuh rawh
- 4 3 m 1 cm 6 m 2 dm te hi metre-in dah
rawh

B

- 1 Hông cheng fraction hi np ah chantir rawh —

$$1, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$$

- 2 Hông kilogram fraction hi gram ah chantir
rawh —

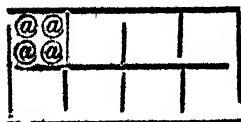
$$\frac{1}{2}, \frac{1}{5}, \frac{1}{10}, \frac{1}{20}, \frac{1}{50}, \frac{1}{100}, \frac{1}{200}$$

- 3 Hông metre fraction te hi centimetre ah chan
tir rawh —

$$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}$$

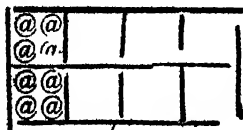
FRACTION INTLUKTE

Fig 1



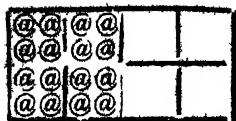
$$\frac{1}{4}$$

Fig 2



$$\frac{1}{4}$$

Fig 3



Heng figure-te bi hmun 8 ah kan then theuh a. Figurure 1 ah hian then khat chauh kan la a tichuan $\frac{1}{2}$ a ni

$\frac{1}{2}$

Tin fig 2 ah hian then 8-a then hnh chauh chu kan la a chu chu $\frac{2}{3}$ kan ti a. Tin fig 2 bi hmun 4 a then angin kan ngai thei bawh a chutianga kan ngaih chuan khi mi thai han khi $\frac{1}{2}$ a lo ni a. Chuvangin $2 = x$ a ni.

Chutiang bawkin fig 3-ah pawh hian then 8 te zinga then 4 chauh kan thai hang a chu chu $\frac{1}{2}$ tluk a ni. Amaherawhohu a pumpui khi hmun hnh chauhva then aya kan ngaih chuan then khat chauh kan thai hang $a = \frac{1}{2}$. Tichuan thai han chin chu $\frac{1}{2}$ emaw $\frac{1}{2}$ emaw kan vuah a ni.

He mi tih dân hian fraction chu a chung lam leh a hnuai lam kha number thuhmuna kan pua tir chuan a danglam chuang lo tih entir a ni

$$\frac{1 \times 4}{2 \times 4} = \frac{1}{2} \text{ a ni si a}$$

$$\frac{1 \times 2}{3 \times 2} = \frac{1}{3} \text{ a ni si a.}$$

Chutiang bawkin number inanga a chung lam leh a hnuai lam kan sem chuan a hnutna chu a danglam chuang lo

Hetiangan —

$$\frac{2-2}{4-2} = \frac{1}{2}$$

$$\frac{2-2}{8-2} = \frac{1}{4}$$

CH

1 Hêng entiren tûr hian oblong siam rawh —

$$\frac{2}{2} = 1 \quad \frac{4}{2} = 2 \quad \frac{2}{2} = 1$$

2 Hêng fraction te hi a tē thei angin dah rawh —

$$\frac{6}{10} \quad \frac{1}{12} \quad \frac{4}{10} \quad \frac{2}{8}$$

FRACTION BELH

$$\frac{5}{12} + \frac{2}{12}$$

A hnua: zâwk hi number thuhmun a nih phawt chuan a chung lama mite hi kan belh mai a ni

$$\frac{5+2}{12} = 11$$

D

Belh rawh —

$$1 \quad \frac{1}{10} + \frac{1}{10} \quad \frac{4}{12} + \frac{8}{12} \quad \frac{1}{10} + \frac{1}{10}$$

FRACTION PAIH

Hatir nân → $\frac{1}{2} - \frac{1}{4}$

He mi awmzia chu $\frac{1}{2}$ atang hian $\frac{1}{4}$ kan la dâwn tihna a ni np 5 atanga np 1 kan lak chuan np, 4 a bang tih kan hria a chotiawg bawh chu a ni $\frac{1}{4}$ chu $\frac{1}{2}$ atanga kan lak chuan $\frac{1}{4}$ a la bang a

$$\text{Chuvângin } \frac{1}{2} - \frac{1}{4} = \frac{2}{4} - \frac{1}{4} = \frac{1}{4}$$

E

Paih rawh —

$$1. \frac{2}{10} - \frac{1}{10} \quad \frac{1}{2} - \frac{1}{3}, \quad \frac{11}{12} - \frac{1}{12}$$

FRACTION NUMBER PUMA PUNTIR DÂN

Chéng 3 hị 7 a kan puntir chuan chéng 21 a ni a Chutiawg bawh $\frac{1}{4}$ hị 7-a kan puntir chuan huan lia then hiri wai 7 hneia 4 a ni a = $\frac{1}{4}$ Chu mi awmzia chu a chung xawh chawh kan puntir tihna a ni

$$\text{Chu chu } \frac{1}{4} \times 7 = \frac{7}{4} = 1\frac{3}{4}$$

Number pum engatnge awm tih hre tui chuan a hual xawh khân a chung ka sem a

$$\text{Hetrangin — } \frac{7}{4} = 1\frac{3}{4}$$

F

Hôg Fraction hı puntir rawh —

$$1 \quad \frac{1}{2} \times 2 \quad \frac{1}{3} \times 3 \quad \frac{1}{4} \times 4 \quad \frac{1}{5} \times 5 \quad \frac{1}{6} \times 6 \quad \frac{1}{7} \times 7$$

FRACTION SEM

$$\text{Rs } 9 - 3 = 3 \text{ a nı a chutiang bawkin } \frac{9}{1} - 3 = \frac{6}{1}$$

G

Sem rawh —

$$\frac{9}{1} - 3 \quad \frac{12}{1} - 4 \quad \frac{1}{1} - 3 \quad \frac{1}{2} - 4 \quad \frac{5}{7} - 5$$

RULE OF THREE (Unitary Method)

Entiraa —

Âr 8 man chêng 4/ nı sels âr 12 man engsâtngs
nı ang !

Âr 8 man chu chêng 4

$$\begin{array}{r} 1 \\ 4 \\ \hline 8 \end{array}$$

$$12 \quad \frac{4 \times 12}{8} = \frac{48}{8} = 6$$

Âr pakhat man chu âr 8 man hmua 8 a thesa
hmua khat a nı a Chuvângin âr 8 man chu 8 a
kan sem chuam âr pakhat man a lo nı ang a.
Âr 12 man chu âr 1 man lêt 12 a nih avângin
12-in kan puntir ang a chu chu a dikna a nı.

TINTUR XXII

A

Mental —

- 1 Âr 6 man Rs 7 80 a ni a Âr pakhat man
zawng chhuak rawh
- 2 Âr 12 man Rs 10 60 a ni a pakhat man
zawng chhuak rawh
- 3 Artui 12 man 1 20 a ni 1 man bre rawh ?
- 4 Dawhkan 4 man Rs 16 40 a ni pakhat man
bre rawh ?
- 5 Thutthleng 6 man Rs 18 72 a ni a 1 man
engsatnge ni ?
- 6 Bub 200kg man Rs 120 50 a ni a, kg khat
man engsatnge ni ?
- 7 Sêrthlum phur 10 man Rs 16 40 a ni a phur
1 man bre rawh ?
- 8 Thêl 8 man Rs 31 60 a ni, thêl 1 man
zawng chhuak rawh
- 9 Chh kilo 12 man Rs 2 40 a ni a, kilo 1 man
zawng chhpak rawh

AW

- 1st Âr 9 in Rs 5 50 man sela Âr 10 in engzâtng e a man ang ?
- 2 Thutthlêng 4 man Rs 26/ ni sela thutthlêng 9 man engzâtng ni ang ?
- 3 Herhsâwp 12 in Rs 36 72 man sela herhsâwp 8 in engzâtng e a man ang ?
- 4 Berâm 7 in Rs 18 man sela, berâm 10 man engzâtng ni ang ?
- 5 Kêl 7 in Rs 42 man sela kêl 16 in engzâtng e a man ang ?
- 6 Sakawr 4 in Rs 240 man sela sakawr 12 in engzâtng e a man ang ?
- 7 Pheikhawk bun 12-in Rs 60 80 man sela pheikhawk bun 4 in engzâtng e a man ang ?
- 8 Lehkhatui bûr dozen 6 man Rs 7 74 ni sela, lehkhatui bûr dozen 8 man engzâtng ni ang ?

B

- 1 Artui dozen 1 in 55 ap man sela, artui dozen 10 man engzátngé ní ang!
- 2 Bâwngpui 1 man Rs 112 ní se bâwngpui 8 man engzátngé!
3. Suahdûr 1 man Rs 4 75 ní se suahdûr 12 man engzátngé!
- 4 x Thosilên 1 man Rs 4 25 ní se thosilên 6 man engzátngé!
- 5 Khum 1 man Rs 6 ní se khum 16 man engzátngé?
- 6 Almirah 1 man Rs 70 50 ní se, almirah 9 man engzátngé!
- 7 Alu kilo 1 man 25 ní se, alu kilo 16 man engzátngé!
- 8 Hla bu 1 man Rs 2 25 ní se, hla bu 12 man engzátngé!

CH

- 1 Buh ip 7 rih lam oñu 36kg 4hg a ni chu
tiang buh ip 10 chu engtue rit nge ?
- 2 Sakawr 8 in bubhüm 16kg ei thei sela sakawr
11 in engzátngé an ei theih ang ?
- 3 Bāwng 5 in buh 364kg 5hg phur zo sela,
bāwng 9 in engzátngé a phurh ang ?
- 4 Dawrawn 12 ah sérthlóm pum 1800 leng sei
dawrawn 10 ah engzátngé leng ang ?
- 5 Naupang 28 thutthleng sei 4 ah leng e la
naupang 140 chu thutthleng engzátah nge
len ang ?
- 6 Puan metre 15 in kamis 5 dah sela kamis 16
dah metre engzátngé ni ang ?
- 7 Mī 1 in dārkār 12 ah km 36 kal thei sela dār
kār 8 ah km engzátngé a kal ang ?
- 8 Naupangin ni 5 ah lebkhabu phék 20 chbiar
sela phék 45 chbiar nān ni engzátngé a duh
ang ?
- 9 Nula 6 in tuñm 36 phur zo sela nula 11 in
ñm engzátngé an phurh ang ?
- 10 Sīkul 16 tán lunglehkha 80 tawk ang sela
sīkul 32 tán lunglehkha engzátngé tawk ang ?

RULE OF THREE

*Entirna —

Mi 6 in ni 8-ah in pakhat sa zo thei sola ni engzatakuge mi 18-in an sak zawh ang ?

Mi 6 in ni 8 ah an sa thei

, 1 , 8×6

$$18 \quad , \quad \frac{8 \times 6}{18} = \frac{48}{18} = 2\frac{2}{3} = 2\frac{2}{3}$$

In khat sa tûr chuan mi 6 ai chuan mi pakhat chuan a duh rei dawn a mi pakhat chauh vin a thawh dawn chuan mi 6 ni khat thawh kha ni 6 a belh thung dawn avângin kan puntir a mi 18 erawh chuan mi pakhat thawh lét 18 a rei lo an thawk ve thung dawn a chuvângin kan sem thung a ni

TIHTUR XXII

- 1 Mi 10 n ni 11 ah buan an let zo thei a, mi 12 in ni engzatakuge an zawh theih ang ?
- 2 Nola 6-in hapta 4 ah (hapta 1 — ni 7) puan an tah zo thei ni engzatakuge nola 8 in an tah zawh theih ang ?

- 3 Sakawr 8 in bubhôm nî 12 a an ei zaw theih chu nî engzâthnge sakawr 16 in an ei zawh ang?
- 4 Hlobet hmun pakhat chu nî 40 chhûngin be râm 20 in pet fai thei sela berâm 12 in nî engzâthnge an peh zawh ang?
- 5 Naupang 10 in sikul huan thla khat (nî 10) h siam zo thei sela naupang 20 n nî engzâthnge an siam zawh ang?
- 6 Mî 16 in nî 20 ah lung phur zo thei sela 32 in nî engzâthnge lung chu an phurh zo theih ang?
- 7 Buhfai engemaw zât mî 12 in nî 18 chhûngin ei tâwk sela mî 16 tân nî engzât tla nge nî ang?
- 8 Huan pakhata sêrtblum zawnng zawnng chu mî 20 in nî 8 chhûngin lo zo thei sela mî 12 in nî engzâthnge an lawh ang?
- 9 Puanthui 6 in thawmbhawn dârkâr 36 ah thui zo thei sela dârkâr engzâthnge puanthui 16 in an zawh ang?
- 10 Mî 10 in tuikhuah nî 6 ah zo thei sela mî 8 in nî engzâthnge an khuah zawh ang?

ZAUZIA TEHNA

(Measurement of area)

AREA (square (sq) measure)

100 sq Centimetres (Cmq = 1 sq Decimetre (dmq)

100 sq decimetres = 1 sq metre (mq) emaw
1 Centiare

100 sq metres = 1 sq Decametre (Dmq)
emaw
1 Are~~X~~

Chhiarkawp (Arithmetic) dân hmanga thil zauzia kan teh chuan thil kilh nei (rectangle) chauh kan ngaihtuah thia. Chutiang thil emaw hmun emaw leilung emaw zauzia chu AREA kan ti thia

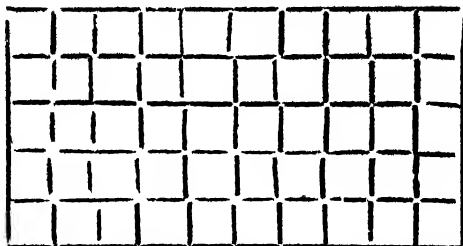
He mi buah hi chuan mawl to to square Centimetre atanga square metre thiang chauh in thi kilh nei zauzia (area) — chhut emaw dawh kan chung emaw ang chi chauh hi kan zir rib ang a

Entirna —

10 cm — A dung

5 cm

A vâng



I He mi lem hi kan en chuan he thil lem hian dung leh vâng a nei a A dung lam chu entirnaa mi ang hian 10 centimetres a ni a a vâng lam chu 5 centimetres a ni

He mi awmzia chu centimetre hlir kil li nei (kil tin centimetre khat) 10 thar 5 a awm tihna a ni. Chu mi awmzia chu he figure-ah hian centimetre kil li nei hlir 10 vaw: $5 = 50 = 10 \times 5 = 50$ a leng a chu chu 5 sq centimetre (cmq) a lo ni

Hetieng hien thil zausia chu awl takin eng
anga sau pawh a dung leh vâng kan hriat phawt
obuan kan hre thei a ni. Thil zausia chu a dung
leh a vâng puitrin a chhuak tihna a ni

Zausia = area = a dung × a vâng

II. Pindan pakhat chu a dung metre 10 a vâng
metre 10 a ni a, a area sawng chhuak rawh —

A dung 10 m

A vâng 10 m

Area = $10 \times 10 = 100 \text{ sqm} = 1 \text{ Acre} = 1 \text{ Dmq}$

THITUR XXIV

A

Hêng area hi sawng chhuak rawh —

1. A dung 10 Cm a vâng 6 Cm
2. A dung 12 Cm a vâng 9 Cm
3. A dung 21 Dm a vâng 12 Dm

- 4 A dung 16 Dm a vãng 14 Dm
- 5 A dung 15 m a vãng 8 m.
- 6 A dung 1 m 40Dm a vãng 20 Dm.
- 7 A dung ~~4~~ 1/4 Cm a vãng ~~1/4~~
- 8 A dung 22 m a vãng 13 m
- 9 A dung 8 Dm 10 Cm a vãng 6 Dm 5 m

AW

- 1 Dawhkân pakhat chu a dung 20 dm a vãng 15 dm a ni a chu dawhkân area chu zawnng chhuak rawh !
- 2 Pinden pakhat chu 16 m a sei a ni a a vãng lam chu 12 m a ni ,chu pinden chu engtia sau ngo !

- 3 Sikul pakhat chu a dung 24 m a vâng 16 m. a ni a, a area zawng chhuak rawh
- 4 Sikul huan pakhat chu a dung leh vâng a in chen a, a sir khat chu 20 m a ni chu huan chu engtia sau nga?
- 5 Blackboard pakhat chu ~~24~~ 35 Dm a sei a ni a, a vâng lam chu ~~24~~ 24 Dm a ni chu Blackboard area chu zawng chhuak rawh?
- 6 Puan pakhat chu a vâng 12 Dm a ni a a dung-lam chu 40 Dm a ni a, chu puan area chu engti ngo ni ang?
- 7 Pindan pakhat chu a dung 13 m a vâng 12 m a ni a, chu pindan sauzia chu engnge ni?

SCHOLARSHIP EXAM ZAWHNA

1956

(Tehna leh Bûkna leh Tangka dân hlui chu telh loh vek a ni)

- 1 Ni 1 leh dârkâr 6 ah second engzâtng e awm ? 10

- 2 Chhût chhuak rawh — 7+8
 - (a) $113 - 399 + 287$
 - (b) $150 \times 16 + 100 - 10$

- 3 (b) A tó thei ang berin siam rawh — $1\frac{1}{2}$ $1\frac{1}{2}$

- 4 Thingtlâng khaw pakhat chu in 150 a ni a in tin leiman chu Rs 2 a ni a Mahse lei man áwl in 1½ an awm a Chu khuaina lei man an pék zawnzawnzawng chu engzâtng e ni ang ? 10

- 5 Hmeichhe 3 buh phurh leh mípa 2 buh phurh chu a inzât chiah a Mípa 10 phurh zât phur ve túrin hmeichhe engzâtng e ngai ang 10

1957

Full marks—125

Time—3 hours

- 1 (1) Hoi hi a thoin ziaik rawh 706904 4+4
 (2) Hoi hi Figure-in ziaik rawh Singkua leh
 sangnga leh sawmriat leh panah
- 2 Heng hi ohhât ehhuak rawh — 7+3
 (1) 3000—945—384
 (2) $112 \times 9 + 205 \times 11$
- 3 Lekhabu pakhat ohu phêk 875 a ni 10
 Naupang pakhatin ni tia phêk 25 chhuar
 sela ni engâatoh nge a chhuar chhuah ang?
- 4 Chantir rawh — 7+8
 Dârkâr 2, min 3 sec 10 hi sec ah
- 5 Hoi hi a te thei ang berin chawh rawh. 6+6
 $\frac{1}{10}$ $\frac{1}{10}$
- 6 Berâm 4 in Re 25 theuh man sela, Berâm
 24 in engâatoh a man ang? 10
 emaw
 Mi pakhatin ni 120-ah huan thlo zo thei sela
 mi 120 in ni engâatoh nge an sawh ang?
- 7 Khaw pakhatsh chuan mi 10682 an awm a
 kum tin mi 120-in an pang a kum 10-huach
 mihsing engâatoh ting thei ang? 10

1958

Full marks—125

Time— 3 hours

- 1 Chhût chhuak rawh — 8+7
 (a) $87+43 \times 5-79$
 (b) $1927-853-16+700$

Kêl 24 man chu Rs 564 a ni a kêl pakhat man
 zawng chhuak rawh 10

3 Berâm 4 man chu Rs 48 a ni a berâm 9
 man zawng chhuak rawh 10

4 Hêng fraction te hi zawng chhuak teh — 10
 $\frac{1}{2} \times 8 \quad \frac{1}{3} - 3$

5 Thingrem pakhatah pencil dozen 2 zêl a awm
 a thingrem $4\frac{1}{2}$ ah engsâtng a awm ang ? 10

6. Hêng thil atân bian bill siem teh — 25
 Pencil 6 doz dozen khatah 75np zel
 Lalîin 5, pakhat man Rs 8 zêl
 Kamis 3, pakhat man Rs 10 25 zêl

SCHOLARSHIP EXAMINATION 1969

ARITHMETIC.

Full marks — 125

Time— 3hrs

- 1 Bill stam rawh— 20
(1) Ziakhobu doz 3 doz khat man Re 125 zêl
 - * Kawlawm doz 2¹/₂ pakhat man Re 150 zêl
 - 2, Chawkehhuak rawh — 5+5
(a) $813-324+121-402$
(b) 8600192×203 enaw 2400902—12
 - ‡ Sêrthlum pum 4 chu 12np zêlah ka brah a sêrthlum pum 100 ka nei a chêng engzâtngê ka lei ang? 10
 - ‡ Lehhahu pakhetah phêk 40 a awm a phêk tinah chuan rin 12 a awm zêl a chutiang leh khabu pathumah chuan rin engzâtngê awm ang? 10
- enaw
- † Number kahnh belh khâwm chu 49 a ni a an inthlaubna chu 16 a ni a A number lian zâwk chu engzâtngê?

- 7 Darkar 6 ah lehkhá phék 43200 kháwln chbut
theih a ni a Minute khatah phék engzátnge
a chbut theih ang ? 10
- 8 Sem ohhuak rawh —
Rs 362 36 -4
- 9 Lalan Rs 168 25 a nei a Thangan Rs 742
08np a nei a Lianan Rs 1208 92 a nei
bawk a An wala neih chu belhkbáwm rawh

SCHOLARSHIP EXAMINATION

1960

Full marks—125

Time—3 hours

- 2 Belh rawh — 6+7
(a) $4623+5000+173+16 \neq$
(b) $\frac{1}{2}+\frac{2}{3}+\frac{4}{5}$
- 4 Chawk ohhuak rawh — 7
80-100+154-16
- 5 Rs 235 45 ka nei a kawr lei nán Rs 98 80
ka hmang a, engzátnge ka la neih ang ? 8
- 6 Thutthleng sei pakhatah naupang 5 zêl an
tshu thei a, naupang 125 thutna tshim thut
phah sei engzátnge ngai ang ? 8

- 7 In pakhatat tukveth 10 a awm a tukverh tinah dārthlalang 4 zêl a awm a dārthlalang pakhat chu Rs 125 man zêl a ni a Chu ina tukvern dārthlalang zawng zawng man chu engzâtng ni ?
- 8 Khaw pakhatat kum 1951 ohbiarpui khân mi bring 6430 an awm a Kum tin mi 45 in an pung a Kum 1961 ohbiarpui ah mi bring eng zâtng awm ang ?
- 9 Naupang 12 in sikul huan ni 8-ah an thlo zo thei a, ni 2-a thlo zo tûrin naupang engzâtng kan duh ang ?
- 0 Lei pakhatat a thip dâwnin sum a fete patham a som a A upa berin Rs 5 000 a chang a a dawttuin a upa ber chan zâtve a chang a A tum ber chuan an milai uih Rs 1 000 in a chang tam a. Lei pa sum a eng zawng chu engzâtng ?

SCHOLARSHIP EXAMINATION

1961

Full Marks—125

Time—3 hours

- 2 Pantir rawh— 8+8
Rs 24 75np \times 14
- 3 Belh rawh— 7+7
(a) $3000 + 2684 + 384 + 21$
(b) Paish rawh— $\frac{2}{3} - \frac{1}{5}$
- 4 Chawk chhuak rawh— 7+7
7832—3572—1260+100
- 7 Lámkhuang kúng 1 ah 15 a rah a a reh 1 ah
mu 96 zél a awm a Chutiang lámkhuang
kúng 7 rahah chuan mu engzátng a awm ang?
- 9 Mi 12 in ni 4 ah buh an ohil zo thei a mi
9 in ni engzátah nge an zawh ang? 10
- 10 Bookroom ah lehkhaw 5, Re 1 50 theuhvin
ka lei a lehkhaw 6 Re 1 35 theuhvin
pencil 12 25np theuhvin ka lei bawh a A
vai man atán Rs 15 50 ka pe a Engzátin
nge ka la pék thn leh? 15

SCHOLARSHIP EXAM ZAWHNA

1962

Full marks—125

Time— 3 hours

2 Belh rawh—

7+7

(a) $6752 + 1097 + 86 + 137$

| | | | |
|-----|----|-----|-----|
| (b) | hr | min | sec |
| | 7 | 9 | 16 |
| | 8 | 23 | 46 |
| | 4 | 46 | 23 |

4 (a) Dărkărah te minutes-ahle chantir rawh—

80916 sec

(b) Hengte hi a thuin xisk rawh—

2061 8006 10096 999

6 Ni khat sikul kai ehâng chu dărkă 5 a ni
 a naupang pakbatin ni thum sikul a kai a sikula
 a awm ehâng zawng chu minute engzâtuge thng
 ang !

10

7+ March ni 18 atanga June 18 thlong chu ni
 engzâtuge ! (ehhlar tan ni leh a tâwp ni ehhlar
 telin)

10

9 I dah zăwk ehâng ang cho—

10

(a) Kum 1918-ah chuan khaw pakhatat chuan
 mihrieng sing thum leh sawmriat an awm a, kum

tin 75 zélin mihring an lo puag ta a kum 1940
ah mi engzátngé tling ang?

emaw

(b) Mi 12 in tuikhuah ni 40 ah an zo thei a mi
8 in ni engzátah nge an zawh ang?

10 Sikul pakhatah chuan naupang 384 an awm a
an zinga 88 te chu an exam naah an tling lo va
pass zinga hmun lia thena hmun khat te chu
hmeichhia an ni a, mipa engzátngé pass ang? 15

SCHOLARSHIP EXAMINATION

1963

Full marks — 125

Time— 3hrs

1 Héngte hi ka lei a bill siam rawh— 20

(1) Lukhum 4 pakhat man Rs 3 45np zél

(2) Pheikbawk bun 5 bun 1 man Rs 4 75 zél

(3) Zungbun 7 pakhat man Rs 2 30 zél

(4) Samkhuh doz 2 pakhat man 60np zél

2 Chawh ohhuak rawh—

(a) $144 + 63 \times 9 - 251$

(b) $\frac{1}{2} + \frac{1}{3} - \frac{1}{4}$

3[†] Chantir rawh—

(a) Dàrkàr 3 min 20 sec 40 hi second ah 7

4
5 Tukverh kawngkhàr pakhat atân dārthlalang
8 a tawk chiah a dārthlalang 432 in tukverh eng
sātng a dāh theih ang ? 8

5 Sava 112 an lo thlāwk a, a hnu rei lo deupvah
a hmas mī lēt hniha tam an lo thlāwk leh a a
hnu lehah chuan a hmasa berte sātve chauh an
lo thlāwk leh a Sava lo thlāwk zawng zawng
chu engzāt ni ang ? 10

6 Khawlai lénnsah Rs 201 25 ka ak chhuak a,
Ra. 169 75np in thil ka lei a, engzātng ka la
neih ang ? 8

CHHANNA

TIHTUR I

A

| | | | | | | | |
|---|----|----|----|----|-----|----|-----|
| 1 | 3 | 6 | 8 | 11 | 32 | 16 | 134 |
| 2 | 6 | 7 | 19 | 12 | 80 | 17 | 67 |
| 3 | 9 | 8 | 50 | 13 | 109 | 18 | 49 |
| 4 | 12 | 9 | 40 | 14 | 250 | 19 | 75 |
| 5 | 6 | 10 | 52 | 15 | 18 | 20 | 69 |

AW

| | | | | | | | |
|---|-------|----|-------|----|--------|----|---------|
| 1 | XAI | 6 | XXXIV | 11 | CX | 16 | CLXV |
| 2 | XIV | 7 | XXVII | 12 | CXXV | 17 | CCCV |
| 3 | XXXII | 8 | LIV | 13 | CCXXXI | 18 | CLXXXII |
| 4 | XVIII | 9 | LXII | 14 | CXCIV | 19 | CXIX |
| 5 | XLIII | 10 | LXXVI | 15 | CXLVII | 20 | CLIII |

TIHTUR II

| | | | | | | | |
|---|-------|----|-------|----|-------|----|--------|
| 1 | 1547 | 6 | 24514 | 11 | 19980 | 16 | 15576 |
| 2 | 2228 | 7 | 25422 | 12 | 48452 | 17 | 15575 |
| 3 | 1564 | 8 | 32916 | 13 | 2487 | 18 | 2798 |
| 4 | 2503 | 9 | 13643 | 14 | 21276 | 19 | 295288 |
| 5 | 29549 | 10 | 24440 | 15 | 3648 | 20 | 27987 |

ТИТУР III

| | | | | | | | |
|----|------|----|------|----|-------|----|-------|
| 1 | 405 | 11 | 3299 | 21 | 3036 | 31 | 31001 |
| 2 | 546 | 12 | 6198 | 22 | 4339 | 32 | 6070 |
| 3 | 650 | 13 | 5095 | 23 | 2546 | 33 | 8613 |
| 4 | 501 | 14 | 2396 | 24 | 6370 | 34 | 10508 |
| 5 | 4209 | 15 | 5596 | 25 | 47972 | 35 | 79633 |
| 6 | 3229 | 16 | 5392 | 26 | 29340 | 36 | 37088 |
| 7 | 2429 | 17 | 3113 | 27 | 66199 | 37 | 941 |
| 8 | 2348 | 18 | 894 | 28 | 3197 | 38 | 626 |
| 9 | 5377 | 19 | 2840 | 29 | 86694 | | |
| 10 | 3379 | 20 | 4587 | 30 | 71085 | | |

ТИТУР IV

| | | | | | | | |
|----|------|----|--------|----|---------|-----|---------|
| 1 | 2075 | 7 | 9688 | 13 | 149796 | 19 | 1663119 |
| 2 | 1116 | 8 | 41400 | 14 | 528891 | 20 | 2223396 |
| 3 | 1456 | 9 | 30256 | 15 | 517342 | 21 | 467454 |
| 4 | 7776 | 10 | 126672 | 16 | 415810 | 22 | 235614 |
| 5 | 1296 | 11 | 149270 | 17 | 2252316 | 23 | 275064 |
| 6. | 4896 | 12 | 105857 | 18 | 1097468 | 24. | 621084 |

TIHTUR V

| | | | | | | | |
|---|------|----|-------|---|------|---|------|
| 1 | 552 | 2 | 2016 | 3 | 1944 | 4 | 3024 |
| 5 | 1984 | 6 | 1450 | 7 | 1225 | 8 | 259 |
| 9 | 8118 | 10 | 35136 | | | | |

TIHTUR VI

| | | | | | | | |
|---|--------|----|--------|----|--------|----|--------|
| 1 | 36708 | 2 | 10017 | 3 | 12375 | 4 | 148750 |
| 5 | 304128 | 6 | 181278 | 7 | 643994 | 8 | 508464 |
| 9 | 197094 | 10 | 384564 | 11 | 621084 | 12 | 104535 |

SEM SBI

| | | | | |
|---|--------------------|-------------------|--------------------|------------------|
| 1 | 289 ₇ | 862 ₇ | 104 ₇ | 804 ₇ |
| 2 | 267 ₇ | 2210 ₇ | 1639 ₇ | 512 ₇ |
| 3 | 672 ₇ | 564 ₇ | 370 ₇ | 362 ₇ |
| 4 | 11285 ₇ | 772 ₇ | 13041 ₇ | 949 ₇ |

FACTOR SEM

| | | | | | |
|---|----|---|----|---|----|
| 1 | 77 | 4 | 59 | 7 | 6 |
| 2 | 28 | 5 | 27 | 8 | 38 |
| 3 | 17 | 6 | 22 | 9 | 33 |

TIHTUR VII

- 1 (a) Nuai khat leh sing riak leh awm leh pahnh sing sarh leh sang li leh sawm leh panga maktaduai hnih leh sing ruk leh za sarh leh sawmga leh pahnh

(b) 210009 92011; 2000010

| | | | | | | | |
|---|--------------------|---|------|---|------|---|----|
| 2 | 7854 | 3 | 200 | 4 | 9072 | 5 | 52 |
| 6 | 17 a chuang pum 10 | 7 | 2223 | 8 | 3660 | | |

TIHTUR VIII

A

| | | | |
|---|--------------|---|--------------|
| 1 | Rs 430 92np | 2 | Rs 1620 32np |
| 3 | Rs 1375 13np | 4 | Rs 2030 34np |
| 5 | Rs 923 08np | 6 | Rs 2696 36np |

AW

| | | | |
|---|-------------|---|-------------|
| 1 | Rs 148 18np | 2 | Rs 354 89np |
| 3 | Rs 90 83np | 4 | Rs 918 87np |
| 5 | Rs 489 07np | 6 | Rs 4 32np |

B

| | | | |
|----|-----------------|----|----------------|
| 1 | Rs 300 72np | 2 | Rs 541 80np |
| 3 | Rs 1207 68np | 4 | Rs 3754 56np |
| 5 | Rs 9531 72np | 6 | Rs 150877 54np |
| 7 | Rs 354270 55np | 8 | Rs 160944 00np |
| 9 | Rs 2072224 56np | 10 | Rs 12682 86np |
| 11 | Rs 31275 90np | 12 | Rs 587646 64np |

CH

| | | | |
|---|-------------------------------|----|-------------------------------|
| 1 | Rs 32 24np leh a chuang 10 | 2 | Rs 17 34np leh a chuang 10 |
| 3 | Rs 106 27np | 4 | Rs 59 43np |
| 5 | Rs 8067 57np | 6 | Rs 102 12np |
| 7 | Rs 108 97np | 8 | Rs 23 90np |
| 9 | Rs 39 93np a chuang 113 | 10 | Rs 110 51np |

D

| | | | |
|---|---------------|---|---------------|
| 1 | Rs 56400 87np | 3 | Rs 70067 50np |
| 2 | Rs 10676 67np | 4 | Rs 16 50 |

TIHTUR IX

A

| | | | | | | | | | |
|---|--------|-----|-----|------------------|----|--------------------|-----------------|-----------------|------------------|
| 1 | 927kg | 4hg | 2dg | 2gm | 2 | 1235k _L | 6h _L | 5dg | 0gm |
| 3 | 1405kg | 3hg | 5dg | 5gm | 4 | 1402k _n | 4b _L | 4d _n | 2 _L m |
| 5 | 476kg | 7hg | 0dg | 6gm | 6 | 1029k | 3h _b | 7d _f | m |
| 7 | 1108kg | 6hg | 4dg | 3 _L m | 8 | 1066k _n | 8hg | 7d _L | 8 _L m |
| 9 | 1118kg | 6hg | 2dg | 2gm | 10 | 1111k | 4h | 9d _f | 7 _n m |

AW

| | | | | | | | | | |
|---|-------------------|-----------------|-----|------------------|----|-------------------|-----------------|------------------|------------------|
| 1 | 102kg | 5hg | 4dg | 9gm | 2 | 108k _n | 8h _L | 8 l _n | 2 _L m |
| 3 | 25kg | 1h _n | 8dg | 9gm | 4 | 413k _L | 4h _b | 7d | 7 _L m |
| 5 | 258kg | 8hg | 0dg | 2 _L m | 6 | 781g | 2h _L | 3d _n | 1 _L m |
| 7 | 202k _p | 6hg | 3dg | 7gm | 8 | 78kg | 3h _b | 1d _n | 3 _L m |
| 9 | 87kg | 8hg | 2dg | 5 _L m | 10 | 477k _L | 8h _L | 5d _L | 3 n |

B

| | | | | | | | | | |
|----|---------|-----|-----------------|-----|----|---------------------|-----------------|-----------------|------------------|
| 1 | 309kg | 4hg | 3dg | 2gm | 2 | 1865k _b | 1h _L | 9d _L | 0gm |
| 3 | 4108kg | 5hg | 9d _L | 2gm | 4 | 7864kg | 6h _L | 7d _n | 5 _L m |
| 5 | 10113kg | 7hg | 6dg | 8gm | 6 | 21558k _n | 1hg | 8dg | 0gm |
| 7 | 2031kg | 3hg | 0dg | 2gm | 8 | 4719k _L | 4b _L | 0d _L | 5 _L m |
| 9 | 22737kg | 6hg | 9dg | 6gm | 10 | 20342k _L | 7b _L | 3dg | 6gm |
| 11 | 20785kg | 0hg | 3dg | 2gm | 12 | 29860k _L | 9b _L | | |

CH

| | | | | | | | | | |
|----|------|-------|-----|--------|----|------|------|-----|-----|
| 1 | 3kg | 8hg | 1dg | 6gm | 2 | 12kg | 6hg | 8dg | 3gm |
| 3 | 10kg | 9hg | 1dg | 5gm | 4 | 15kg | 2hg | 3dg | 3gm |
| 5 | 19kg | 8hg | | | 6 | 25kg | 9hg | | |
| 7 | 34kg | 117gm | | | 8 | 56kg | 87gm | | |
| 9 | 91kg | 62gm | a | chuang | 7 | | | | |
| 10 | 11kg | 47gm | | | 11 | 25kg | 5gm | | |
| 12 | 22kg | 58gm | a | chuang | 28 | | | | |

TIHTUR X

A

| | | | | | | |
|----|--------|------|------|----|-----|-----|
| 1 | 308km | 2hm | 3Dm | 5m | 9dm | 1cm |
| 2 | 754km | 9hm | 7Dm | 1m | 5dm | 4cm |
| 3 | 1007km | 5hm | 2Dm | 5m | 5dm | 3cm |
| 4 | 1153km | 0hm | 4Dm | 9m | 7dm | 1cm |
| 5 | 76km | 453m | | | | |
| 6 | 55km | 673m | 80cm | | | |
| 7 | 269km | 365m | 88cm | | | |
| 8 | 105km | 438m | 98cm | | | |
| 9 | 111km | 270m | 3cm | | | |
| 10 | 542km | 378m | 36cm | | | |

AW

| | | | | | | |
|---|------|-----|-----|----|-----|-----|
| 1 | 6km | 7hm | 8Dm | 7m | 1dm | 2cm |
| 2 | 38km | 9hm | 2Dm | 7m | 5dm | 8cm |
| 3 | 12km | 0hm | 8Dm | 0m | 8dm | 3cm |

| | | | | | | |
|---|------|------|------|----|------|-----------|
| 4 | 5km | 8hm | 9Dm | 2m | 0dm | 2cm |
| 5 | 25km | 460m | 8cm | 6 | 21km | 189m |
| 7 | 541m | 37cm | | 8 | 5km | 949m 7cm |
| 9 | 96km | 288m | 91cm | 10 | 79km | 487m 56cm |

B

| | | | | | | |
|----|--------|------|------|----|--------|-----------|
| 1 | 417km | 2hm | 0Dm | 2m | 4dm | 4cm |
| 2 | 592km | 7hm | 9Dm | 8m | 5dm | 0cm |
| 3 | 185km | 5hm | 6Dm | 4m | 3dm | 4cm |
| 4 | 47km | 9hm | 9Dm | 7m | 2dm | 8cm |
| 5 | 1864km | 2hm | 3Dm | 5m | 4dm | 0cm |
| 6 | 449km | 0hm | 5Dm | 9m | 3dm | 5cm |
| 7 | 402km | 9hm | 5Dm | 2m | 0dm | 8cm |
| 8 | 832km | 2hm | 9Dm | 5m | 7dm | 5cm |
| 9 | 321km | 191m | 40cm | 10 | 347km | 75m 19cm |
| 11 | 1515km | 641m | 76cm | 12 | 1566km | 67m 75cm |
| 13 | 1149km | 6m | 56cm | 14 | 273km | 756m 86cm |
| 15 | 210km | 372m | 30cm | 16 | 3190km | 271m 4cm |

CH

- 1 1 km 3 hm 0 Dm 1 m 9 dm $5\frac{1}{2}$ cm
- 2 1 km 7 hm 1 Dm 7 m 6 dm 5 cm
- 3 3 km 2 hm 5 Dm 7 m 3 dm $9\frac{1}{2}$ cm
- 4 2 km 1 hm 8 Dm 1 m 1 dm 2 cm
- 5 2 km 9 hm 2 Dm 3 m 0 dm 3 cm
- 6 20km 838m 87cm
- 7 13km 735m 49cm a chuang 8
- 8 21km 116m 69cm
- 9 12km 51m 5cm
- 10 23km 110m 7cm
- 11 5km 25m 1cm

TIHTUR XI

- 1 245km 17m 12cm 2 15km 60m 4cm
- 3 64km 990m 4 7km 993m 87cm
- 5 9³hm 1Dm 4dm 2cm
- 6 54km 27m 70cm
- 7 3Dm 2dm 30m 20cm

- 8 47km 20m 18cm
 9 4 m 10 1720cm 11 8m 16cm
 12 2km 9hm 4Dm 1m = 21m 941m
 13 1Dm 9dm 2cm = 10m 32cm
 14 200742cm

TIHTUR XII

- 1 Rs 20 75np 2 Rs 11 80np 3 Rs 15 45np
 4 Rs 15 09np 5 Rs 23 22np 6 Rs 11 70np
 7 Rs 13 75np 8 Rs 43

TIHTUR XIII

A

- 1 7500 sec 2 25565 sec 3 246350 sec
 4 919280 sec 5 1783566 sec 6 2290965 sec

AW

- 1 21 da 2 53 da 3 34 da 4 62 da
 5 25 da 6 89 da 7 748 da 8 1117 da

B

- 1 264 hr 2 228 hr 3 412 hr 4 1004 hr
 5 631 hr 6 168 hr 7 231 hr 8 372 hr

B (CH)

| | | | |
|----|--------------------|----|--------------------|
| 1 | 1hr 23min 20sec | 2 | 2hr 44min 30sec |
| 3 | 22 hr 28 min 36sec | 4 | 497da 21hr 20 min |
| 5 | 97da 10hr 28min | 6 | 5da 20hrs |
| 7 | 5da 4hrs | 8 | 6da 4hr |
| 9 | 1da 4hrs | 10 | 2da 15hrs |
| 11 | 3da 5hrs | 12 | 3da 22hrs |
| 13 | 12600 sec | 14 | 1440 min 86400 sec |
| 15 | 360 hrs | 16 | 4500 sec |

TIHTUR XIV

A

| | | | |
|---|---------------|----|---------------|
| 1 | 25 min 33 sec | 7 | 18 min 11 sec |
| 2 | 45 min 10 sec | 8 | 25 min 28 sec |
| 3 | 53 min 3 sec | 9 | 42 min 56 sec |
| 4 | 45 min 70 sec | 10 | 8 min 59 sec |
| 5 | 45 min 18 sec | 11 | 43 min 54 sec |
| 6 | 7 min 50 sec | 12 | 14 min |

AW

| | | | |
|---|---------------------|----|-------------------|
| 1 | 19 hr 23 min 38 sec | 10 | 6 da 6 hr 35 min |
| 2 | 14 hr 41 min 49 sec | 11 | 5 da 1 hr |
| 3 | 21 hr 24 min 12 sec | 12 | 7 da 8 hr 15 min |
| 4 | 7 hr | 13 | 5 da 18 hr 5 min |
| 5 | 20 hr 24 min 24 sec | 14 | 7 da 11 hr 30 min |
| 6 | 13 hr 1 min | 15 | 6 da 8 hr 15 min |
| 7 | 24 hr 40 min 31 sec | 16 | 6 da 21 hr 53 min |
| 8 | 6 hr 39 min 24 sec | 17 | 6 da 1 hr 47 min |
| 9 | 5 hr 55 min 20 sec | 18 | 6 da 14 hr 33 min |

TIHTUR XV

A

| | | | | | |
|---|--------|--------|---|--------|--------|
| 1 | 11 min | 10 sec | 5 | 16 min | 5 sec |
| 2 | 21 min | 26 sec | 6 | 16 min | 13 sec |
| 3 | 28 min | 50 sec | 7 | 78 min | 27 sec |
| 4 | 39 min | 22 sec | 8 | 6 min | 18 sec |
| | | | 9 | 22 min | 30 sec |

AW

| | | | | | | | |
|---|------|--------|--------|---|------|--------|--------|
| 1 | 2 hr | 13 min | 5 sec | 4 | 6 hr | 11 min | 26 sec |
| 2 | 4 hr | 1 min | 52 sec | 5 | 1 hr | 32 min | 29 sec |
| 3 | 1 hr | 32 min | 29 sec | 6 | 1 hr | 13 min | 5 sec |

B

| | | | | | | | |
|---|-------|-------|--------|----|------|--------|--------|
| 1 | 25 da | 3 hr | 3 min | 6 | 2 da | 2 min | |
| 2 | 17 da | 16 hr | 48 min | 7 | 2 da | 22 hr | 3 min |
| 3 | 4 da | 11 hr | 20 min | 8 | 2 da | 21 hr | 58 min |
| 4 | 1 da | 1 hr | 50 min | 9 | 1 da | 22 hr | 59 min |
| 5 | 2 da | 2 hr | 58 min | 10 | 1 da | 22 min | |

TIHTUR XVI

A

| | | | | | |
|---|---------|--------|---|---------|--------|
| 1 | 72 min | 36 sec | 5 | 262 min | 24 sec |
| 2 | 81 min | 4 sec | 6 | 700 min | 16 sec |
| 3 | 70 min | 56 sec | 7 | 328 min | 41 sec |
| 4 | 127 min | | 8 | 753 min | 26 sec |

AW

| | | | |
|---|-----------------------|----|----------------------|
| 1 | 4 hrs 16 min 40 sec | 9 | 8 hrs 20 min 48 sec |
| 2 | 15 hrs 45 min 30 sec | 10 | 21 hrs 1 min 40 sec |
| 3 | 127 hrs 32 min | 11 | 37 hrs 51 min 30 sec |
| 4 | 19 hrs 25 sec | 12 | 37 hrs 35 min 10 sec |
| 5 | 155 hrs 31 min 52 sec | 13 | 27 hrs 11 min 52 sec |
| 6 | 205 hrs 15 min 54 sec | 14 | 9 hrs 6 min |
| 7 | 53 hrs 7 min 30 sec | 15 | 24 hrs 10 min |
| 8 | 136 hrs 41 min 12 sec | 16 | 101 hrs 48 min |

TIHTUR XVII

A

| | | | |
|---|--------------|----|---------------|
| 1 | 5 min 2 sec | 6 | 3 min 8 sec |
| 2 | 5 min 2 sec | 7 | 7 min 13 sec |
| 3 | 8 min 6 sec | 8 | 4 min 7 sec |
| 4 | 8 min 26 sec | 9 | 10 min 10 sec |
| 5 | 2 min 8 sec | 10 | 7 min 43 sec |

AW

| | | | |
|---|---------------------|---|---------------------|
| 1 | 4 hrs 5 min 23 sec | 5 | 2 hrs 45 min 45 sec |
| 2 | 5 hrs 50 min 2 sec | 6 | 1 hrs 46 min 34 sec |
| 3 | 2 hrs 37 min 19 sec | 7 | 2 hrs 4 min 28 sec |

(a chuang 4)

| | | | |
|---|--------------------|---|--------------------|
| 4 | 3 hrs 57 min 1 sec | 8 | 1 hrs 17 min 8 sec |
|---|--------------------|---|--------------------|

B

| | | | |
|---|-------------------|---|-------------------|
| 1 | 1 da 18 hrs 3 min | 5 | 16 hrs 40 min |
| 2 | 1 da 22 hrs 2 min | 6 | 4 hrs 1 min |
| 3 | 1 da 9 hrs 1 min | 7 | 3 da 8 hrs 8 min |
| 4 | 14 hrs 52 min | 8 | 1 da 5 hrs 50 min |

TIHTUR XVIII

| | | | |
|---|----------------|---|------------------|
| 1 | 17hrs | 2 | 17hr 45min 5sec |
| 3 | 47hrs 30min | 4 | 2hrs 47min 45sec |
| 5 | 1da 9hrs 25min | 6 | 108hrs |
| 7 | 12min | 8 | 7da 1hr |

TIHTUR XIX

| | | | |
|---|----------------------------|---|------------------------|
| 1 | (a) Kum narân | 3 | Rs 150 |
| | (b) Leap year | 4 | (a) n1 136 |
| | (c) Kum narân | | (b) n1 115 |
| | (d) Kum narân | | (c) n1 199 |
| | (e) Leap year | | (d) n1 131 |
| | (f) Kum narân | 5 | 16-Dec Thawhlehn1 |
| 2 | Kum chaave hnu lam | | 1934 - |
| | Kum narânab n1 3 in a tam | 6 | N1 1561 (a tan |
| | Leap year ah n1 2 in a tam | | n1 leh a tawp n1 tcln) |

TIHTUR XXI

A

| | | | | | | |
|---|-----|----|-----------|----|----|---|
| 2 | 100 | 10 | 1000 emaw | 10 | 1 | 5 |
| 3 | 10 | 10 | 10 | 10 | 10 | |

AW

| | | | | | | | | |
|---|-----|-----|-----|----------|----|----|----|----|
| 2 | 100 | 100 | 100 | 100 emaw | 10 | 10 | 1 | 1 |
| 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

B

| | | | | | | |
|---|-----|-----|-----|-----|-----|------|
| 1 | 50 | 25 | 12½ | 75 | 62½ | 56½ |
| 2 | 500 | 100 | 25 | 750 | 450 | 115. |
| 3 | 25 | 50 | 80 | 70 | | |

CH

| | | | | |
|---|---|---|---|---|
| 2 | ½ | ¼ | ⅓ | ⅓ |
|---|---|---|---|---|

D

| | | | |
|---|---|---|---|
| 1 | ⅝ | ⅞ | ⅞ |
|---|---|---|---|

E

| | | | |
|---|---|---|---|
| 1 | 7 | 3 | 4 |
|---|---|---|---|

F

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | ½ | ⅔ | ⅔ | ⅔ | 9 | ⅓ |
|---|---|---|---|---|---|---|

G

| | | | | | |
|---|---|---|---|---|---|
| 1 | ½ | ⅔ | ⅔ | ⅔ | ½ |
|---|---|---|---|---|---|

TIHTUR XXII

A

| | | | | | |
|---|---------|---|---------|---|---------|
| 1 | Rs 1 30 | 4 | Rs 4 10 | 7 | Rs 1 64 |
| 2 | 88½ p | 5 | Rs 3 12 | 8 | Rs 3 95 |
| 3 | 10 p | 6 | 60½ p | 9 | 20 P |

AW

| | | | | | |
|---|-----------|---|-----------|---|----------|
| 1 | Rs 6·11½ | 2 | Rs 58 50 | 3 | Rs 24 48 |
| 4 | Rs 25 71½ | 5 | Rs 96 | 6 | Rs. 720 |
| 7 | 20·26½ | 8 | Rs. 10·32 | | |

B

| | | | | | |
|---|----------|---|--------|---|-----------|
| 1 | Rs 5 50 | 2 | Rs 896 | 3 | Rs 57 |
| 4 | Rs 25 50 | 5 | Rs 96 | 6 | Rs 634 50 |
| 7 | Rs 4 | 8 | Rs 27 | | |

CH

| | | | | | |
|---|-----------|---|------|----|--------------------|
| 1 | 52kg | 4 | 1500 | 7 | 24km |
| 2 | 22kg | 5 | 20 | 8 | 11 ¹ ni |
| 3 | 656kg 1hg | 6 | 48 m | 9 | 66 |
| | | | | 10 | 160 |

TIHTUR XXIII

| | | | | | |
|---|-----------------------------------|---|-----------------------------------|----|-----------------------------------|
| 1 | 9 ¹ / ₈ ni | 2 | 3 hapta | 3 | 6 ni |
| 4 | ni 66 ² / ₃ | 5 | ni 15 | 6 | ni 10 |
| 7 | ni 19 ¹ / ₄ | 8 | ni 13 ¹ / ₂ | 9 | ni 12 ¹ / ₂ |
| | | | | 10 | ni 7 ¹ / ₄ |

TIHTUR XXIV

A

| | | | | | |
|---|--------|---|--------|---|-------------|
| 1 | 60cmq | 4 | 224Dmq | 7 | 140cmq |
| 2 | 108cmq | 5 | 120mq | 8 | 286mq |
| 3 | 252cmq | 6 | 800Dmq | 9 | 52065000cmq |

AW

| | | | | | |
|---|--------|---|--------|---|--------|
| 1 | 300dmq | 3 | 384mq | 6 | 480Dmq |
| 2 | 192mq | 4 | 400mq | 7 | 156mq |
| | | 5 | 840Dmq | | |

1956

1 1800sec 2 (a) 1 (b) 2410
3 (b) $1\frac{1}{2} \times \frac{1}{8}$ 4 Rs 274 5 15 hmeicbbha

1957

| | | | | | |
|---|------|--|-----|------|---------------|
| 1 | (1) | Nuasarib leh sangruk leh zakua leh pal | | | |
| | (2) | 95082 | | | |
| 2 | (1) | 1671 | (2) | 3263 | 5 1 5 |
| 3 | ni | 35 | | 6 | Ra 150 1 ni |
| 4 | 7390 | seo | | 7 | 11882 mibring |

1958

| | | | | | | |
|----------|------------|------------|------------|-------------|----------|-----------------|
| 1 | (a) | 223 | (b) | 1758 | 2 | Rs 23 50 |
| 3 | Rs | 108 | 4 | 6 1 | 5 | 9 doz |

1959

| | | | |
|---|----------|---|--|
| 1 | R# 39 75 | 2 | (a) 208 (b) 1745838976 emaw 200075, |
| 3 | R# 3 | 4 | 1440 rin emaw 28 |
| 7 | 120 | 8 | R# 90 59 9 R# 2119 25 |

1960

| | | | |
|---|-----------|----|-----------|
| 2 | (a) 9812 | 6 | 25 |
| | (b) " | 7 | Rs 50 |
| 4 | 118 | 8 | 6850 |
| 5 | Rs 136 65 | 9 | 48 |
| | | 10 | Rs 11 000 |

1961

| | | | |
|---|-----------|----|-----------------|
| 2 | Rs 346 50 | 3 | (a) 6089 (b) 1½ |
| 4 | 3100 | 9 | 5½ ni |
| 7 | 10080 | 10 | Rs 3 10 |

1962

| | | | |
|----|-------------------------------------|---|-----------|
| 2 | (a) 8072 | | |
| | (b) 21 hr 24 min 25 sec | | |
| 4 | (a) 22 hr 28 min 36 sec | | |
| | (b) Sāughnih leh sawmrak leh pakhat | | |
| | Sāngriat leh paruk | | |
| | Singkhat leh sawmkua leh paruk | | |
| | Zakua leh sawmkua leh pakua | | |
| 6 | 900 mins | 7 | 93 ni |
| | | 9 | (a) 39650 |
| 10 | 222 mpa | | (b) 60 ni |

1963

| | | | | | |
|---|----------|---|-----------|---|----------|
| 1 | Rs 68 05 | 3 | (a) 12040 | 5 | 392 |
| 2 | (a) 460 | 4 | 54 | 6 | Rs 31 50 |
| | (b) 1½ | | | | |

T I H D I K N A

Phék 5 No 17 20 puntir chhinchhiah kha belh
chhinchhiah a ni

Phék 13 TIENTUR VI

Phék 15 No 2 x kha — tûr

Phék 26 No 3 m zâwna y kha 7 a ni

Phék 36 TIENTUR B kha CH tih tûr

Phék 47 No 6 kha ni zât chauh sawn chhuah tûr

Phék 62 64— 1 Area kha— 1 Are tih tûr

Phék 65 6 na 1m 4Dm— 40Dm tih tûr

Phék 65 7 na kha a dung 14cm a vâng 1dm tih tûr

Phék 66 5 na kha— 35Dm a sei 24Dm a vâng
tih tûr

Phék 70 2 na kha Chawk chhuak rawh tih
zâwna awm tûr a ni